

COMMERCIAL FEEDING STUFFS
REPORT ON INSPECTION

1936

E. M. BAILEY



Connecticut
Agricultural Experiment Station
New Haven

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REGISTRATION OF FEEDS

Manufacturers, jobbers or individuals outside the State who ship concentrated commercial feeding stuffs into Connecticut are expected to register the brands so shipped and to pay the necessary fees thereon, and they generally do so. However, under the provisions of our law, if manufacturers or others outside the State neglect or refuse to register, the local dealer who handles such feeds is responsible for such registrations, registration fees and other legal requirements.

In the course of trade, feeds manufactured in another State frequently pass through the hands of several middlemen, none of whom is within the immediate jurisdiction of our law, before they reach the local distributor. This Station makes reasonable investigation to find out the source of shipment of feeds found to be unregistered, but the law imposes no obligation upon it to do so. It is the plain duty therefore of local dealers who purchase feed for resale and distribution to assure themselves that the brands they purchase are registered, or else be prepared to assume that responsibility themselves.

Feeds mixed to the order of the consumer may be sold as "special formulas" and need not be registered. Such must be sold without any private brand names and without analysis. Special formulas sold to others than the consumers for whom they are mixed become regular brands subject to registration and other requirements pertaining thereto.

COMMERCIAL FEEDING STUFFS

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THE FEED LAW

THE STATUTE relating to concentrated commercial feeding stuffs imposes upon the Station (1) all duties incidental to the annual registration of feeds offered for sale in the State; (2) the collection of samples for inspection and analysis; (3) the examination of all samples so collected; (4) the preparation and publication of a bulletin summarizing the results of inspection and giving other pertinent information; and (5) joint responsibility with the Dairy and Food Commissioner for rules and regulations for carrying out the provisions of the law.

The enforcement provisions of the statute are delegated to the Dairy and Food Commissioner.

In 1899 a statute regulating the sale of concentrated commercial feeding stuffs was enacted. The Station was charged with the administration of the Act, which provided for proper labelling and for annual inspections and analyses, but which did not require registration. The Dairy and Food Commissioner was made responsible for enforcement of the law and for instituting corrective action upon evidence of violations submitted by the Station.

For many years prior to the enactment of this special law the Station had made analyses of feeds as a part of its regular service to the agriculture of the State.

In 1925 the statute of 1899 was amended to require registration of commercial feeding stuffs with the Station and a registration fee of fifteen dollars (\$15) for each brand so registered.

The essential provisions of the present law and regulations may be briefly summarized.

Note: Analyses are by Messrs. Nolan, Mathis and Walden; microscopic examinations by Mr. Shepard and Miss Shepard; sampling by Mr. Churchill; and compilations by Mrs. Vosburgh.

Exemptions. It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration: (1) Roughages such as hays, straws, corn stover, ensilage and all similar materials containing more than 60 percent of water; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grains and sold by the manufacturer directly to the consumer; (5) feed ground from materials furnished by the consumer; or (6) feed mixed according to a formula furnished by the consumer for his own use.

Under the provision of clause six above, a feed must be sold as a formula only, without a private brand name and without analysis. But a feed cannot be offered for general trade as a formula in order to avoid registration and the registration fee.

Labelling. All concentrated commercial feeding stuffs must be labelled either by a statement printed on the bag or upon a properly attached tag; except that in the case of cottonseed meal sold for fertilizer, or of any concentrated feeding stuff sold in bulk, a certificate, which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The law requires a statement of: (1) the net weight of the feed contained in the package; (2) the name, brand or trademark under which the feed is sold; (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; and (5) the separate ingredients of which the feed is composed.

Affixing tags. The use of wire or any metal in affixing tags to feed packages is prohibited by law.

Registration and registration fee. The law requires an annual registration of all concentrated feeds sold or offered for sale in this State. Registrations are to be made with the Connecticut Agricultural Experiment Station and beginning January 1, 1928, the registration period is for the duration of the calendar year. The registration fee is fifteen dollars (\$15), for each brand, a distinct brand name or a distinct analysis constituting a distinct brand.

Duties of manufacturers, jobbers and dealers. All concentrated commercial feeding stuffs must be registered annually on January 1, or before they are offered for sale.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registrations, registration fees and other legal requirements.

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

Cottonseed meal. Cottonseed meal sold as a fertilizer is required to be registered under the terms of the fertilizer law; if sold also as a feed-

ing stuff, it is required also to be registered under the provisions of the feed law; if sold exclusively for one or the other of these purposes, it may be registered only under the law that applies.

EXPLANATION OF TERMS USED IN AN ANALYSIS OF FEEDING STUFFS

In registering feeding stuffs the law requires that the minimum percentages of crude protein and crude fat, and the maximum percentage of crude fiber, shall be given; that is, the registrant must guarantee that the feeds registered will contain *not less* than the stated percentages of crude protein and of crude fat and *not more* than the stated percentage of crude fiber.

The term *crude protein* denotes those nutrients that contain nitrogen, and is obtained by multiplying the percentage of total nitrogen in the feed by the factor 6.25.

The term *crude fat* denotes those substances that are soluble in ether and includes, besides fat, such non-fatty materials as chlorophyll and coloring matter.

The term *crude fiber* denotes the coarse, woody tissues characteristic of all forms of roughage and that are present in the outer coats of cereal and other fodder grains.

Although the law requires only a statement of the three nutrients just defined, no objection is taken to more complete statements of composition, but such further statements, if given, must be correct. Thus, tags sometimes bear guaranties for nitrogen-free-extract and for carbohydrates.

The term *nitrogen-free-extract* denotes those nutrients of the starch and the sugar types. This group is never determined directly but is obtained by subtracting from 100 percent the sum of the percentages of moisture, ash, crude protein, crude fiber and crude fat.

The term *carbohydrates* denotes the combined percentages of crude fiber and nitrogen-free-extract.

COMPOSITION OF FEEDING STUFFS

For the average composition of American feeding stuffs, the reader should consult the very comprehensive compilation of Henry and Morrison¹. For convenience a few of the commoner feeding materials are given here, cited from the text mentioned. Except where otherwise indicated, the materials listed may be regarded as containing approximately 10 percent of moisture.

¹ Feeds and Feeding. Henry-Morrison Co., Madison, Wis.

Feed	Protein lbs. per 100 or %	Fat lbs. per 100 or %	Fiber lbs. per 100 or %
Alfalfa meal.....	14	2	30
Barley.....	12	2	5
Beet pulp.....	9	1	19
Bone meal, raw.....	24	0	..
Brewers grains.....	27	7	15
“ “ wet, (76% water).....	6	2	4
Buckwheat feed.....	19	5	18
“ “ low grade.....	13	3	29
Buttermilk dried.....	35	2	0
“ semi-solid.....	13	3	0
Corn.....	10	5	2
Corn gluten feed.....	25	4	7
“ “ meal.....	36	5	2
Corn and oat feed.....	10	4	7
Cottonseed meal (choice).....	44	9	8
Distillers' grains, (chiefly from corn).....	31	12	12
“ “ wet (77% water).....	5	2	3
Distillery slop (94% water).....	2	1	1
Fish meal.....	51	8	..
Hominy feed.....	11	8	4
Linseed meal, O. P.....	34	8	8
Malt sprouts.....	26	2	13
Meat scraps.....	71	14	0
Oats.....	12	4	11
Oat feed, low grade.....	6	2	27
Oat meal (rolled oats).....	16	7	2
Rye.....	12	2	2
Rye feed.....	15	3	5
Soybean meal.....	43	7	5
Tankage (60% protein).....	60	7	5
“ (40-50% protein).....	46	16	3
Wheat.....	12	2	2
Wheat bran.....	16	4	10
Wheat standard middlings.....	17	5	6

GUIDES IN ENFORCEMENT

The Association of American Feed Control Officials has adopted the following resolutions to serve as a guide to state regulatory officials in administering local statutes relating to inspection and merchandising of feeds.¹

1. Resolved that it is the sense of this Association that we understand the term “Nitrogen Free Extract” to cover the product indicated by the percentage obtained by subtracting from 100 percent the sum of the percentages of Ash, Moisture, Protein, Fat and Fiber. (Adopted prior to 1923).

2. Resolved that the term “carbohydrates” be interpreted to cover the product indicated by the percentage obtained by the addition of the percentages of crude fiber and nitrogen free extract. (Adopted prior to 1923).

3. Resolved that it is the sense of this Association that a ton of feed be 2,000 pounds, net. (Adopted prior to 1923).

4. Resolved that this Association go on record as opposing the use of second hand bags unless they are turned wrong side out so that the original stenciling will not be displayed. (Adopted prior to 1923).

¹ Official publication of the Association for 1936.

5. Resolved that this Association go on record to the effect that the term "Cracked Corn" does not apply to degermed cracked corn. (Adopted prior to 1923).

6. Resolved that this Association go on record as condemning the practice of packing feeding stuffs in bags containing 99 pounds net and billing and charging for 100 pounds net. (Adopted 1923).

7. Whereas, Linseed Oil Meal is sold more or less on the basis of the protein content, as in the case of cottonseed meal, therefore:

Be it Resolved that the percentage of protein should be prefixed to linseed cake or meal, as is done with cottonseed meal: for example, 34 percent Protein Linseed Meal. (Adopted 1923).

8. Resolved that it is the sense of this Association that no product sold under a trade or proprietary name be recognized for the purpose of formulating definitions, standards, etc. (Adopted 1927).

9. Resolved that this Association go on record as condemning the use of the word "vitamin" in a brand name, and as opposing the acceptance of registration of feeds with this word in the brand name. (Adopted 1929).

10. Resolved: (a) That it is the sense of this Association that the names of feed materials or their combinations must not be misleading as to the kind, character and nature of the material or materials.

(b) That the name of each feed material should be stated in its simplest form and in the common English term, if such term exists, omitting all superfluous or ambiguous words.

(c) That if a descriptive name is used, the material must correspond thereto. (Adopted 1930).

11. Resolved that this Association go on record as disapproving any use of artificial colors in the manufacture of feedstuffs. (Adopted 1931).

12. Resolved that this Association go on record as condemning the use of any contraction of the word "vitamin", or any word suggesting vitamin in a brand name, and as opposing the acceptance of registrations of feeds under names which are in conflict with this resolution. (Adopted 1932).

13. Resolved that any material sold primarily as a vitamin D supplement for poultry shall be labelled with a minimum guarantee of vitamin D potency expressed as Association of Official Agricultural Chemists' chick units of vitamin D per gram, determined according to the tentative procedure adopted by the Association of Official Agricultural Chemists, and assuming that one U. S. P. unit of vitamin D in the U. S. Pharmacopoeia "Reference Cod Liver Oil" equals one Association of Official Agricultural Chemists' chick unit. (Adopted 1933; Amended 1935, 1936).

14. Resolved that all tentative definitions should not be used until adopted as official, unless specified action of the Association is taken. (Adopted 1933).

15. Resolved that the Association of American Feed Control Officials, Inc., request the coöperation of all recognized feed manufacturing associations in submitting for approval any contemplated changes in definitions of feeding stuffs which in any way conflict with the official definitions as adopted by this organization.

It is also requested that wherever practicable any existing conflicting definitions be changed to conform to the official definitions. (Adopted 1934).

16. Whereas, many States which have adopted the Association's definitions for cottonseed products require that a guarantee of fat and crude fibre content in cottonseed meal be made, therefore, for the sake of uniformity of labels and registration, and in such cases where there is no conflict with existing feed laws,

Be it Resolved, That the following guarantee of fat and crude fibre be recommended:

	Not less than Crude Fat	Not more than Crude Fibre
For 36% Protein Cottonseed Meal.....	4.50%	16.00%
For 41% Protein Cottonseed Meal.....	5.00%	13.00%
For 43% Protein Cottonseed Meal.....	5.25%	12.00%

(Adopted 1934)

17. Since the term "carbohydrates" is misleading and combines a maximum guarantee of crude fibre with a minimum guarantee of nitrogen free extract,

Be it Resolved, that the use of the term "carbohydrates" on the uniform registration blank and uniform tags be discontinued. (Adopted 1935)

18. Resolved, that it is the sense of this Association that the word "Food" be not used on any product for animal feeding. (Adopted 1936).

REGISTRATIONS

For the period January 1, 1936, to December 31, 1936

One hundred and eighty-two firms and individuals registered 1,065 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

Albers Bros. Milling Co., Seattle, Wash.

Calf Manna

E. T. Allen Co., Atlanta, Ga.

Empire 41% Protein Cottonseed Meal

Allied Mills, Inc., Chicago, Ill.

Alfalfa Meal

Arab Horse Feed

Brewers' Dried Grains

Empire Egg Mash

Empire Egg Mash with Sardine Oil

Empire 16½% Dairy Ration

Empire 20% Dairy Ration

Empire 24% Dairy Ration

Empire Growing Mash

Empire Growing Mash with Sardine Oil

Empire Scratch Feed

41% Protein Soybean Oil Meal

June Pasture

Pure Corn and Oats Provender

Screened Cracked Corn

Super Soy

Wayne Amco 20% Dairy Ration

Wayne Amco 24% Dairy Ration

Wayne Amco 32% Supplement Dairy Ration

Wayne Amco 12% Fitting Ration

Wayne Breeder Mash

Wayne Broiler Ration

Wayne Calf Meal

Wayne Chick Feed

Allied Mills, Inc., Chicago, Ill.—(Continued)

Wayne Chick Starter
 Wayne Egg and Breeder Mash
 Wayne Egg and Breeder Mash with Sardine Oil
 Wayne Growing Mash
 Wayne Growing Mash with Sardine Oil
 Wayne Horse Feed
 Wayne Intermediate Scratch Feed
 Wayne Mash Concentrate
 Wayne Mash Concentrate with Sardine Oil
 Wayne 26% Mash Supplement
 Wayne 26% Mash Supplement with Sardine Oil
 Wayne Pig Starter
 Wayne Pork Maker
 Wayne Poultry Fattener
 Wayne Scratch Feed
 Wayne Special Scratch Feed
 Wayne Starter and Grower
 Wayne Starter and Grower with Sardine Oil
 Wayne Turkey Growing Mash with Sardine Oil
 Wayne Turkey Starting Mash

The American Distilling Co., 412-14 Central Nat'l Bank Bldg., Peoria, Ill.

American Corn Distillers Dried Grains

American Maize-Products Co., 100 E. 42nd St., New York, N. Y.

Amaizo Sweetened Gluten Feed
 Cream of Corn Gluten Feed

Anchor Mills, 67 W. Baltimore St., Hagerstown, Md.

Zip Egg Mash

Arcady Farms Milling Co., 223 W. Jackson Blvd., Chicago, Ill.

Arcady 20% Open Formula Production Ration
 Arcady 24% Open Formula Production Ration
 Arcady Scratch Grains
 Arcady-Wonder Complete All Mash Chick Starter
 Arcady-Wonder Complete Broiler Ration
 Arcady-Wonder Complete Laying Ration
 Arcady-Wonder Growing Mash
 Arcady-Wonder Laying Mash
 Arcady-Wonderlas
 Riverside Scratch Grains
 Sunkist Egg Mash
 Sunkist Scratch Grains
 Wonder Horse and Mule Feed
 Wonder Sugared Stock Feed

Archer-Daniels-Midland Co., Minneapolis, Minn.

Dairyland Dried Skim Milk
 32 Per Cent Protein Old Process Linseed Meal
 34 Per Cent Protein Old Process Linseed Meal
 37 Per Cent Protein Old Process Linseed Meal
 41 Per Cent Protein Old Process Soybean Meal
 44 Per Cent Protein New Process Soybean Oil Meal

Ashcraft-Wilkinson Co., Atlanta, Ga.

Cow-Eta Brand 36% Prime Quality Cottonseed Meal
 Cow-Eta Brand 41% Prime Quality Cottonseed Meal
 Cow-Eta Brand 43% Prime Quality Cottonseed Meal

Edward R. Bacon Grain Co., 141 W. Jackson Blvd., Chicago, Ill.

Bacon's Gluten Feed

E. W. Bailey & Co., Montpelier, Vt.

Bailey's 20% Special Dairy Ration
Bailey's Fitting Ration (Sweetened)
Capital Dairy Ration (Sweetened)
Capital Mixed Feed
Favorite Dairy Ration (Sweetened)
New Deal Dairy Ration
Pennant Chick Starter
Pennant Coarse Chick Feed
Pennant Fine Chick Feed
Pennant Growing Feed
Pennant Horse Feed
Pennant Laying Mash
Pennant Laying Mash (with Cod Liver Oil-Cod Liver Meal)
Pennant Scratch Feed
Pennant Stock Feed (Sweetened)
Pennant Turkey Growing Feed

Baker Bros., 44 Montgomery St., Binghamton, N. Y.

Purfeed Calf Ration
Purfeed Dairy Ration
Purfeed Hog Ration
Purfeed Super Laying and Breeding Mash
Baker's Special

Barber & Bennett, Inc., Albany, N. Y.

Big Ben Brand 16% Dairy Feed
Big Ben Brand 20% Dairy Feed
Big Ben Brand 24% Dairy Feed
Big Ben Scratch Feed
Egg-O Laying Mash
Egg-O Scratch Feed
Fort Orange Brand Combination Mash with Kelp "Starting-Growing-Laying"
Fort Orange Brand 12% Dairy Feed
Fort Orange Brand 20% Dairy Feed
Fort Orange Brand 24% Dairy Feed
Fort Orange Brand Laying and Breeding Mash

Bay State Milling Co., Winona, Minn.

"Wingold" Standard Hard Wheat Middlings and Wheat Screenings

The B & B Dairy Co., Inc., Margaretville, N. Y.

Buell-Boston Dried Skim Milk

Beacon Milling Co., Inc., Cayuga, N. Y.

Auburn Brand Auburn Dairy Feed
Beacon Battery Laying Ration
Beacon Battery Pullet Growing Ration
Beacon Breeders Mash with Buttermilk
Beacon Broiler Feed
Beacon Calf Grain Ration
Beacon Calf Pellets
Beacon's Cayuga Developer Feed
Beacon's Cayuga Growing Mash
Beacon's Cayuga Horse Feed
Beacon's Cayuga Laying Mash with Buttermilk
Beacon's Cayuga Scratch Feed
Beacon CC Pellets
Beacon Chick Feed
Beacon Complete Starting Ration
Beacon Dairy Ration
Beacon Developer Feed
Beacon Duck Laying Pellets
Beacon Duck Starting Pellets
Beacon Egg Mash with Buttermilk

Beacon Milling Co., Inc., Cayuga, N. Y.—(Continued)

Beacon Fitting Ration
 Beacon Fleshing Pellets
 Beacon Growing Mash
 Beacon Hog Feed
 Beacon Horse Feed
 Beacon Scratch Grains
 Beacon Special Scratch Grains
 Beacon Special Horse Feed
 Beacon Sweet "20"
 Beacon Sweet "24"
 Beacon Turkey Growing Feed
 Beacon Turkey Starter
 Beacon "20"
 Be-Co-Las
 Cayuga Pasture and Fitting Ration
 Cayuga Stock Feed
 Corn and Oats Chop

Bisbee Linseed Co., 2100 Lincoln-Liberty Bldg., Philadelphia, Pa.

Bisbee Brand 34% Protein Old Process Colza Oil Meal
 Bisbee Brand 34% Protein Old Process Linseed Meal

Black Rock Milling Corp., Buffalo, N. Y.

Paramount 20% Dairy Ration

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calf Meal

Bradley & Baker, 155 E. 44th St., New York, N. Y.

Bradbake Brand Fish Meal
 Dried Beet Pulp

A. D. Bridge's Sons, Inc., Hazardville, Conn.

Success Dairy Ration

Leon Broder Grain Store, Colchester, Conn.

L. B. Milk Ration

C. Buckingham & Co., Southport, Conn.

C. B. 20% Dairy
 C. B. 24% Dairy
 C. B. Egg Mash
 C. B. Growing Mash
 C. B. Scratch
 C. B. Starter

C. W. Burckhalter, Inc., 177 Franklin St., New York, N. Y.

Burck Brand Powdered Skim Milk

C. W. Campbell Co., Westerly, R. I.

Cam-Co Dairy Ration
 Cam-Co Horse Feed
 Cam-Co Laying Mash
 Cam-Co Scratch Feed
 Creamline Dairy Ration
 Egg-O Chick and Broiler Ration
 Egg-O Chick Scratch
 Egg-O Chick Starter
 Egg-O Growing Feed
 Egg-O Intermediate Scratch
 Egg-O Laying Mash
 Egg-O Scratch Feed
 Egg-O Turkey Grower

C. W. Campbell Co., Westerly, R. I.—(Continued)

Fitting Ration
Hog Ration
Milky Ration
No-Botheration Dairy Ration
Provender

A. B. Caple Co., Toledo, Ohio

Alfalfa Stem Meal

Center Milk Products Co., Middlebury Center, Pa.

Vita Brand Dry Skim Milk

Central Soya Co., Inc., Utility Bldg., Decatur, Ind.

Central 41% Protein Soybean Oilmeal

Checkerboard Feed Store, Oswego, N. Y.

Ontario 20% Dairy Feed
Protena Laying Mash

Clinton Co., Clinton, Iowa

Clinton Corn Gluten Feed

Coatsworth and Cooper, 67 Yonge St., Toronto, Canada

"C and C" Pure Brand
"C and C" Pure Shorts

The Coles Feed & Grain Co., Inc., Middletown, Conn.

Fortune Chick Starter with Clo-trate Oil
Fortune Egg Mash with Cod Liver Oil
Fortune Growing Mash with Cod Liver Oil
Fortune Scratch Feed

Collis Products Co., 201 Custer St., St. Paul, Minn.

Collis Process Dried Buttermilk

Commander-Larabee Corp., Minneapolis, Minn.

Sunfed Red Dog, Pure Wheat Product
Sunfed Wheat Bran with ground screenings
Sunfed Wheat Standard Middlings with ground screenings

Community Service, Inc., Lakeville, Conn.

Community 20% Dairy Ration
Community 20% Dairy Ration "Thrift Brand"
Community Pasture Ration
Community Poultry Mash

The G. E. Conkey Co., Cleveland, Ohio

Conkey's Y-O (Brand) Growing Mash
Conkey's Y-O (Brand) (The Original) Starting Feed

Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn.

"Yankee Brand" High Grade Meat Scrap

Consolidated Products Co., Danville, Ill.

Semi-Solid Buttermilk

Consolidated Rendering Co., 178 Atlantic Ave., Boston, Mass.

Corenco Bone Meal—An all Animal Feed for Cattle, Hogs and Poultry
Corenco 45% Meat and Bone Scrap
Corenco 50% Meat and Bone Scrap
Corenco 55% Meat Scrap
Corenco 60% Meat Scrap

Continental Distilling Corp., 260 S. Broad St., Philadelphia, Pa.
Corn Distillers Dried Grains

Copeland Flour Mills, Ltd., Midland, Ontario, Canada
Copeland's "Dandy Bran"

Corn Products Sales Co. of the Corn Products Refining Co., 17 Battery Place, New York, N. Y.
Buffalo Corn Gluten Feed
Diamond Corn Gluten Meal
Heavy Buffalo Corn Gluten Feed (Sweetened)

E. A. Cowee Co., Fitchburg, Mass.
Coweco Growing Mash
Coweco Laying Mash
Coweco 20% Ration
Coweco Scratch Feed

C. A. Cowles, Inc., Plantsville, Conn.
Blue Seal Chick Starter
Blue Seal Growing Mash
Blue Seal Laying Mash
Bristol Dairy
Broiler and Starting Mash
20% Dairy Feed
24% Dairy Feed
Horse Feed
Red Seal Laying Mash
Scratch Feed

Chas. M. Cox Co., Boston, Mass.
Pioneer Pure Wheat Bran (Manufactured by Western Canada Flour Mills Co., Ltd., Toronto, Canada)
Utility Laying Ration

P. Cutler, Inc., Colchester, Conn.
Prosperity Economy Dairy Ration
Prosperity Laying Mash
Prosperity Scratch Feed
Prosperity Special Dairy Feed
Prosperity Stock Feed

A. O. Dailey & Sons, Inc., Binghamton, N. Y.
Dailey's Baby Chick Grains
Dailey's Bingo Horse Feed with Molasses
Dailey's 16 Dairy Feed with Molasses
Dailey's 20 Dairy Ration
Dailey's Egg Producer Mash
Dailey's Egg Record Scratch
Dailey's Fattening Mash
Dailey's Growing Grains
Dailey's Special 20% Dairy Ration
Dailey's Special Laying Mash
Dailey's Starting Mash

Dairymen's League Co-operative Assoc., Inc., 11 W. 42nd St., New York, N. Y.
Dairylea Choice Feed Grade Dried Skim Milk

R. G. Davis & Sons, Inc., New Haven, Conn.
Basic Dairy Ration
Davis Mash with Buttermilk
Davis Horse Feed
Davis Scratch Feed
Davis Stock Feed

Dawe's Products Co., 15th & Platte St., Denver, Colo.

D. V. Base

Deep River Feed Store, Deep River, Conn.

Paris Laying Mash

Paris Scratch Grains

Delaware Mills, Inc., Deposit, N. Y.

Delaware All Mash Chick Starter (with Dried Skim Milk and Cod Liver Oil)

Delaware Chick Grains

Delaware 85% Horse Feed

Delaware Intermediate Chick Grains

Delaware Scratch Grains

Delaware Starter and Broiler Ration (with Dried Skim Milk and Cod Liver Oil)

Delaware Stock Feed

Delco Laying Mash (with Dried Skim Milk)

Delco Sweet 20% Dairy Feed

Indian Growing Mash (with Dried Skim Milk)

Indian Laying Mash (with Dried Skim Milk)

Indian Scratch Grains

Indian Sweet 20% Dairy Feed

Indian Sweet 24% Dairy Feed

Open Formula Laying Mash with Cod Liver Oil

The Denver Alfalfa Milling & Products Co., Lamar, Colo.

Alfalfa Leaf Meal (Colorado)

Alfalfa Leaf Meal (California)

Alfalfa Meal

The Dewey Bros. Co., Blanchester, Ohio

Corn 3D (Dewey's Distillers Dried) Grains

Dietrich & Gambrill, Inc., Frederick, Md.

All Mash Starter and Grower

All Purpose Complete Ration Starter-Grower-Layer

Big 4 Feed

Canton Scratch Feed

D & G Calf Meal

D & G Dairy Feed

D & G Poultry Conditioning Ration

Frederick Dairy Feed

Frederick Horse Feed

Frederick Laying Mash

Frederick Stock Feed

Gambrill's A. I. Dairy Feed

Gambrill's Chick Grains

Gambrill's 16% Dairy Feed

Gambrill's Growing Mash

Gambrill's Horse Feed

Gambrill's Laying Mash

Gambrill's Scratch Feed

Pen Mar Dairy Feed

Wheat Mixed Feed

Duluth-Superior Milling Co., Minneapolis, Minn.

Duluth Imperial Wheat Bran with Ground Screenings

A. G. Dunn, 82 Wall St., New York, N. Y.

Brazilian Wheat Bran, with ground screenings not exceeding mill run

Eastern States Farmers' Exchange, Springfield, Mass.

Eastern States All-Mash Developer

Eastern States Calf Starter

Eastern States Chick Grains

Eastern States Farmers' Exchange, Springfield, Mass.—(Continued)

Eastern States Combination Mash
Eastern States Developer
Eastern States Egg Mash
Eastern States Fattener Mash
Eastern States Fattening Mash for Ducks
Eastern States Fitting Ration
Eastern States Flushing Mash
Eastern States 41% Protein Cottonseed Meal
Eastern States Fulpail Dairy Ration
Eastern States Ground Corn and Oats
Eastern States Highland 12
Eastern States Highland 16
Eastern States Highland 20
Eastern States Hog Meal
Eastern States Hog Supplement
Eastern States Horse Feed
Eastern States Intermediate Scratch Grains
Eastern States Laying Mash for Ducks
Eastern States Milkmore Dairy Ration
Eastern States Oat Feed with Molasses
Eastern States Producer Mash
Eastern States Producer 20
Eastern States Scratch Grains (With Whole Corn)
Eastern States Scratch Grains (With Coarse Cracked Corn)
Eastern States Scratch Grains 1931
Eastern States Sixteen Dairy Ration
Eastern States Starting and Broiler Ration
Eastern States Starting and Growing Mash for Ducks
Eastern States Succulence
Eastern States 32% Supplement Feed
Eastern States Turkey Breeder Mash
Eastern States Turkey Fat
Eastern States Turkey Grow
Eastern States Turkey Start

Egg-O-Milk Co., Baltimore, Md.

Egg-O-Milk Blend

Elmore Milling Co., Inc., Oneonta, N. Y.

Eggtex
Elmore Chixsaver
Elmore Complete Broiler Ration
Elmore Complete Laying Ration
Elmore Egg Mash
Elmore Fitting Ration
Elmore Growing Mash
Elmore Horse Feed with Molasses
Elmore Intermediate Chick Feed
Elmore M. A. C. Laying Mash
Elmore Milk Grains
Elmore Milk Grains Junior
Elmore Milk Grains Junior Sweet
Elmore Scratch Feed
Elmore 16% Pasture Ration
Elmore Stock Feed
Elmore's Sweet Digesto Dairy Feed
Elmore "Three Point" Calf Meal
Elmore Turkey Growing Mash
Emco Scratch Feed
Granger 20% Dairy Ration
Granger 24% Dairy Ration
Waldorf 20% Dairy Ration
Waldorf 24% Dairy Ration

John W. Eshelman & Sons, Lancaster, Pa.

Eshelman Certified 20% Dairy Ration
Eshelman Certified 24% Dairy Ration
Eshelman Challenge Dairy Feed
Eshelman Conestoga 20 Dairy Feed
Eshelman Garden Spot Horse Feed
Eshelman Golden Rod 25 Dairy Feed
Eshelman Lancaster 20 Dairy Feed
Eshelman Lancaster 60 Horse Feed
Eshelman Lancaster Scratch Grains
Eshelman Liberty Horse Feed
Eshelman Open Formula 20 Dairy Feed
Eshelman Pennsy 16 Dairy Feed
Eshelman Pennsy Laying Mash
Eshelman Pennsy Scratch Grains
Eshelman Red Rose All Mash Starter
Eshelman Red Rose Calf Starter
Eshelman Red Rose Chick Grains
Eshelman Red Rose Chick Starter
Eshelman Red Rose 24 Dairy Feed
Eshelman Red Rose Duck Mash
Eshelman Red Rose Fattening Mash
Eshelman Red Rose Ground Corn and Oats
Eshelman Red Rose Growing Mash with Cod Liver Oil
Eshelman Red Rose 85 Horse Feed
Eshelman Red Rose Laying Mash
Eshelman Red Rose Laying Mash with Cod Liver Oil
Eshelman Red Rose Pig and Hog Meal
Eshelman Red Rose Scratch Grains
Eshelman Red Rose Stock Feed
Eshelman S-O-S
Eshelman Steamed-Cooked Horse Feed
Lancaster Laying Mash with Cod Liver Oil

Evans Milling Co., Indianapolis, Ind.

Emco Hominy Feed
Evan's 41% Protein Soybean Oil Meal

Excelsior Milling Co., Minneapolis, Minn.

Pure Camel Fancy Wheat Feed

Fairchild Milling Co., 1635 Merwin Ave., Cleveland, Ohio

Standard Midds with ground screenings
Wheat Bran with ground screenings

The Fairmont Creamery Co., Omaha, Neb.

Fairmont's Better Pure Flake Buttermilk

Farmers Feed Co., 532 E. 76th St., New York, N. Y.

"Bull Brand" Dried Brewers Grains

Farmers Flour & Grain Co., Stratford, Conn.

Superior Dairy Feed with Molasses and Minerals
Superior Laying Mash

Fernando Valley Milling & Supply Co., Los Angeles, Calif.

Fernando Alfalfa Meal Fine Ground
Fernando Alfalfa Stem Meal
Fernando Ideal Greens Alfalfa Leaf Meal

First National Stores, Inc., 5 Middlesex Ave., Somerville, Mass.

Henfield Chick Grains
Henfield Egg Mash
Henfield Scratch Grains
Henfield Starting Mash

Flag Fish Co., Inc., 108 South St., New York, N. Y.
Flag Fish Meal

J. B. Garland & Son, 15 Grafton St., Worcester, Mass.

Garland's Economy Egg Mash
Garland's Economy Scratch Feed
Garland's Growing Mash
Garland's Laying Mash
Royal Worcester Complete Ration

General Mills, Inc., Minneapolis, Minn.

Washburn's Gold Medal Fancy Wheat Mixed Feed
Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings
Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings
Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings
Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog

Geneva Milling Co., Inc., Geneva, N. Y.

Genesota Hard Wheat Flour Middlings
Genesota Red Dog
Genesota Standard Wheat Bran
Genesota Standard Wheat Middlings

D. H. Grandin Milling Co., Jamestown, N. Y.

Economy Scratch Grains
Grandin's Baby Chick Feed
Grandin's Complete Starting Ration
Grandin's Green Food
Grandin's Growing Mash (contains Concentrated Cod Liver Oil)
Grandin's Intermediate Chick Feed
Grandin's Laying Mash (contains Concentrated Cod Liver Oil)
Grandin's Milk Maker
Grandin's Screened Scratch Feed
Grandin's Start-To-Finish Mash
Grandin's Stock Food
Grandin's Sweetened 20% Dairy Feed
Grandin's Sweetened 24% Dairy Feed
Grandin's Sweetened Horse Feed
Ground Corn and Oats
M-S (Money Saver) 20% Sweetened Dairy Feed
M-S (Money Saver) 24% Sweetened Dairy Feed

Grand Union Stores, Inc., 233 Broadway, New York, N. Y.

Grand Union 16% Dairy Feed
Grand Union 20% Dairy Feed
Grand Union 24% Dairy Feed
Peerless All Mash Starter and Grower
Peerless Chick Grains
Peerless Laying Mash
Peerless Scratch Grains

Great Atlantic & Pacific Tea Co., Minneapolis, Minn.

Daily Egg Laying Mash Feed
Daily Egg Scratch Feed
Daily Growth Broiler Mash
Daily Growth Calf Meal
Daily Growth Chick Starter
Daily Growth Developing Feed
Daily Growth Fine Chick Feed
Daily Growth Growing Mash
Daily Growth Turkey Grower
Daily Growth Turkey Starter
Daily Horse Feed
Daily Milk Dairy Feed
Milky Way Dairy Feed 20%
Milky Way Dairy Feed 24%

Greenport Feed Corp., 460 Morgan Ave., Brooklyn, N. Y.

Greenport Dairy Feed with Molasses

Hales & Hunter Co., 166 W. Jackson Blvd., Chicago, Ill.

Kingfalfa Horse Feed

Morning Glory Egg Mash with Dried Buttermilk

Morning Glory Fine Chick

Morning Glory Scratch Feed

Red Comb Broiler Mash with Dried Buttermilk

Red Comb Chick Starter with Dried Buttermilk

Red Comb Crate Fattener with Rolled Oats

Red Comb Egg Mash with Dried Buttermilk

Red Comb Growing Mash with Dried Buttermilk

Red Comb Scratch Feed, No Grit

Red Comb Turkey Breeder with Dried Buttermilk

Red Horn 24% Dairy Feed

Special Red Horn 20% Dairy Feed

Frank B. Ham & Co., Ltd., 1506 Royal Bank Bldg., Toronto, Canada

"Hamco" Brand Wheat Bran

"Hamco" Brand Wheat Shorts

Dwight Hamlin Co., Pittsburgh, Pa.

Hamlin's Dried Brewers Grains

Hecker H-O Co., Inc., Genesee Bldg., Buffalo, N. Y.

Oat Mill Feed

Hecker-Jones-Jewell Milling Div. of Standard Milling Co., Buffalo, N. Y.

Choice Wheat Bran

Wheat Red Dog

Wheat Standard Middlings

Hirst & Begley Linseed Works, 2013 Mendel St., Chicago, Ill.

Pure Old Process 37% Protein Linseed Meal

The Hubinger Co., Keokuk, Iowa

KeOkUk Corn Gluten Feed

Humphreys-Godwin Co., Memphis, Tenn.

Bull Brand 43% Protein Prime Cottonseed Meal

Dixie Brand 41% Protein Prime Cottonseed Meal

Illinois Cereal Mills, Inc., Paris, Ill.

White Hominy Feed

Imperial Grain & Milling Co., 20 Lucas St., Toledo, Ohio

Imperial Steam Cooked Feed

International Milling Co., Minneapolis, Minn.

Blackhawk Pure Wheat Bran

Blackhawk Wheat Red Dog

Blackhawk Wheat Standard Middlings with ground screenings not exceeding mill run

The Kansas Flour Mills Corp., Kansas City, Mo.

Big Flake Pure Wheat Bran

Kellogg Co. of Canada, Ltd., London, Ont., Canada

O-Corn-O Hominy

Kellogg Sales Co., Battle Creek, Mich.

White Hominy Feed

Kelloggs & Miller, Inc., Amsterdam, N. Y.

K & M Brand 32% Protein Old Process Linseed Meal

K & M Brand 34% Protein Old Process Linseed Meal

Spencer Kellogg & Sons, Inc., Buffalo, N. Y.

Kellogg's 32% Protein Old Process Linseed Meal
 Kellogg's 37% Protein Old Process Linseed Meal
 Kellogg's 41% Protein Old Process Soybean Oil Meal

Keystone Dairy Co., 150 Nassau St., New York, N. Y.

Skim Milk Powder

H. H. King Flour Mills Co., Minneapolis, Minn.

"Gold Mine" Feed

Chas. A. Krause Milling Co., Milwaukee, Wis.

Badger White Hominy Feed

H. P. Kysor Feed & Grain Co., New Haven, Conn.

Kysor's A-1 Chick Starter Ration
 Kysor's A-1 20% Dairy Ration
 Kysor's A-1 24% Dairy Ration
 Kysor's A-1 Growing Mash with Cod Liver Oil
 Kysor's A-1 Horse Feed
 Kysor's A-1 Laying Mash with Cod Liver Oil
 Kysor's A-1 Scratch Feed

Laden Bros. Co., Inc., Wallingford, Conn.

Laden's Baby Chick Starter
 Laden's Dairy 20%
 Laden's Growing Mash
 Laden's Laying Mash
 Laden's Starter and Broiler Mash

Lake of the Woods Milling Co., Ltd., Montreal, Canada

Lakewoods Wheat Bran
 Lakewoods Wheat Shorts

The Larabee Flour Mills Co., Kansas City, Mo.

"Sunfed" Winter Wheat Bran with ground wheat screenings not to exceed mill run or 8%

The Larowe Milling Co., Detroit, Mich.

Dried Beet Pulp
 Dried Molasses-Beet Pulp
 41% Protein Cottonseed Meal
 Larro Broiler Feed
 Larro Calf Meal
 Larro Chick Builder
 Larro Chick Grains
 Larro Chick Starter
 Larro Egg Mash
 Larro Growing Grains
 Larro Growing Mash
 Larro Pig Feed
 Larro Scratch Grains
 Larro The Ready Ration for Dairy Cows
 Larro Turkey Adult Mash
 Larro Turkey Grower
 Larowe's 16 Dairy Feed

Franklin L. Lewi, Inc., 2 Broadway, New York, N. Y.

Brazilian Wheat Bran Product of Brazil
 Chilean Wheat Middlings Produce of Chile
 Polish Wheat Middlings Produce of Poland
 Product of Argentina Wheat Bran with ground screenings not exceeding mill run
 Product of Argentina Wheat Standard Middlings with ground screenings not exceeding mill run

Libner Grain Co., Inc., 27 Commerce St., Norwalk, Conn.

Libner's Blue Ribbon Chick Starter with Cod Liver Oil
Libner's Blue Ribbon Growing Mash with Cod Liver Oil
Libner's Blue Ribbon Horse and Calf Ration
Libner's Blue Ribbon Milk Egg Mash with Cod Liver Oil
Libner's Blue Ribbon Scratch Feed
20% Libner's Blue Ribbon Dairy Ration
24% Libner's Blue Ribbon Dairy Ration
12% Libner's Blue Ribbon Fitting Ration
20% Milkflow Dairy Ration

The C. W. Lines Co., 173 Chestnut St., New Britain, Conn.

Homestead Dry Mash
Homestead Scratch
Mill Pride Dairy Ration
Mill Pride Fancy Scratch
Mill Pride Milk Mash

Litchfield County Co-op. Assoc., Torrington, Conn.

Common Sense Dairy
Common Sense Laying Mash
Common Sense Scratch Feed
Common Sense Starting and Growing Mash

Long Hill Feed Store, Long Hill, Conn.

Square Deal Dairy Ration
Square Deal Laying Mash with Buttermilk

L. B. Lovitt & Co., Memphis, Tenn.

"Lovit Brand" 41% Protein Cottonseed Meal
"Lovit Brand" 43% Protein Cottonseed Meal

A. S. MacDonald Commission Co., 404 Grain & Flour Exchange, Boston, Mass.

Parrheim Pure Wheat Bran
Parrheim Pure Wheat Shorts

Maine Fish Meal Co., Portland, Me.

Maine Vitamin D Fish Meal

E. Manchester & Sons, Winsted, Conn.

Huntington Red Star Egg Mash
Red Star Feed with Molasses
Red Star Mash
Red Star Scratch
Red Star Special Dairy Feed
Red Star Sweet Sixteen

Maritime Milling Co., Inc., Buffalo, N. Y.

B-B Complete Turkey Starter Mash Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried Buttermilk
B-B Daisy Chick Feed
B-B Daisy Egg Mash with Dried Buttermilk
B-B Daisy Egg Mash Vitamized with Cod Liver Oil and Dried Buttermilk
B-B Daisy Growing Mash Vitamized with Cod Liver Oil and Dried Buttermilk
B-B Daisy Scratch Feed
B-B Hi-Test Dairy Feed 20%, Sweetened
B-B Hi-Test Dairy Feed 24%, Sweetened
B-B Hi-Test Stock Feed, Sweetened
B-B Marmico 16% Dairy Feed with Molasses
Bull Brand All Mash Starter and Growing Ration Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried Buttermilk
Bull Brand Breeders' Laying Mash Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried Buttermilk
Bull Brand Broiler Ration Vitamized with Cod Liver Oil, Milk Sugar Feed and Dried Buttermilk
Bull Brand Calf Meal Vitamized with Cod Liver Oil and Dried Skim Milk

Maritime Milling Co., Inc., Buffalo, N. Y.—(Continued)

Bull Brand Chick Feed
Bull Brand Complete Chick Starter Ration Vitamized with Cod Liver Oil, Milk
Sugar Feed, Dried Buttermilk
Bull Brand "24" Dairy Ration, Sweetened
Bull Brand Developing Feed
Bull Brand Fitting Ration
Bull Brand Flushing Mash with Milk Sugar Feed, Dried Buttermilk
Bull Brand Growing Mash Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried
Buttermilk
Bull Brand Horse Feed with Alfalfa and Molasses
Bull Brand Laying Mash Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried
Buttermilk
Bull Brand Pig and Hog Meal with Minerals
Bull Brand Scratch Feed
Bull Brand Stock Feed
Farmers B-B Mixing Feed, Sweetened
Sweetened Bull Brand "20" Dairy Ration

Maurer Manufacturing Co., Newark, N. J.

Kwality Meat-Bone Scrap 50%
Kwality Meat-Bone Scrap 55%
Standard Meat-Bone Scrap 45%

Meech & Stoddard, Inc., Middletown, Conn.

Red Wing 20% Dairy Ration
Red Wing Horse Feed with Molasses
Red Wing Special Chick Feed
Red Wing Special Chick Starter with Buttermilk
Red Wing Special Dairy Ration
Red Wing Special Growing Feed with Buttermilk
Red Wing Special Intermediate Chick Feed
Red Wing Special Laying Mash with Buttermilk
Red Wing Special Scratch Feed
Red Wing Stock Feed

Miner-Hillard Milling Co., Wilkes-Barre, Pa.

Steam Cooked Hominy Feed

Minnesota Linseed Oil Co., 1101 So. Third St., Minneapolis, Minn.

37% Protein Pure Old Process Linseed Meal

Monti-Van Iderstine, Inc., 272 Hudson Ave., Brooklyn, N. Y.

MoVan

Geo. Q. Moon & Co., Inc., Binghamton, N. Y.

Moon's Baby Chick Starter Mash
Moon's 20% Dairy Feed with Molasses
Moon's 24% Dairy Ration
Moon's Fresh Ground Wheat Middlings
Moon's Hominy Feed
Moon's Laying Mash with Dried Buttermilk
Moon's 90 Molasses Horse Feed
Moon's Scratch Feed
Moon's Stock Feed
Moon's Wheat Bran
Special A Dairy 20% Ration

Fred C. Morse & Son, Guilford, Conn.

Old Mill Broiler Mash
Old Mill Chick Feed
Old Mill 20% Dairy Feed
Old Mill Fitting Feed
Old Mill Growing Mash
Old Mill Horse Feed

Fred C. Morse & Son, Guilford, Conn.—(Continued)

Old Mill Intermediate Chick Feed
Old Mill Laying Mash
Old Mill Laying Mash with Milk and Cod Liver Oil
Old Mill Provender
Old Mill Scratch Feed
Old Mill Starting Mash

Jas. F. Morse & Co., Somerville, Mass.

Morse's 40-50% Meat Scraps

Mt. Vernon Milling Co., Mt. Vernon, Ind.

Poco Hominy Feed

Muir & Co., 408 Produce Exchange Bldg., New York, N. Y.

Muirandco (Skimmed Milk Powder)

Mutual Rendering Co., Inc., Philadelphia, Pa.

65% Mureco Meat Scrap

National Mineral Products Co., Ltd., 830-7th St., San Francisco, Calif.

Alfaleaf Brand Alfalfa Meal

New England Chemical Industries, Inc., Woburn, Mass.

Digesta-Bone (Meal or Flour)

New England Grain Dealers' Coöperative Assoc., Inc., Springfield, Mass.

New England Quality All Mash Laying Ration with Cod Liver Oil
New England Quality Chick Feed
New England Quality Complete Chick Starter Ration with Cod Liver Oil
New England Quality 20 Dairy Ration
New England Quality Developing Feed
New England Quality Growing Mash with Cod Liver Oil
New England Quality Horse Feed with Alfalfa and Molasses
New England Quality Laying Mash with Cod Liver Oil
New England Quality Scratch Feed
New England Quality Stock Feed
New England Yankee 16 Dairy Ration
New England Yankee 20 Dairy Ration
New England Yankee 24 Dairy Ration
New England Yankee Egg Mash with Cod Liver Oil
New England Yankee Scratch Feed

Niagara Falls Milling Co., Lockport, N. Y.

Choice Wheat Red Dog
Niagara Choice Wheat Bran
Niagara Standard Wheat Middlings with Ground Screenings not exceeding mill run

Northwestern Consolidated Milling Div. of Standard Milling Co., Minneapolis, Minn.

Planet Feed
Pure Wheat Bran
Wheat Flour Middlings with G. S. N. E. M. R.
Wheat Mixed Feed with G. S. N. E. M. R.
Wheat Standard Middlings with G. S. N. E. M. R.
XXX Comet

S. V. Osborn Estate, Branford, Conn.

Osborn Provender
Osborn Scratch

M. W. Park & Co., 236 Ritch St., San Francisco, Calif.

Parko Brand Alfalfa Leaf Meal

Park & Pollard Co., Buffalo, N. Y.

Bet-R Milk 20% Ration
Bidwell 20% Dairy Ration
Bidwell 24% Dairy Ration
Bidwell Dry-Mash
Bidwell Growing Feed
Bidwell Scratch Feed
Broiler Finishing Mash
Bulky Sweet Dairy Feed
Claco Dairy Ration
Doublex 16% Dairy Ration
Doublex 20% Dairy Ration
Doublex 24% Dairy Ration
Go-Tu-It Pig and Hog Ration
Growing Feed
Holcomb's Milk Egg Mash with Cod Liver Oil
Holcomb's Sweetened 20% Dairy Ration
Intermediate Chick Feed
Lay or Bust Dry-Mash
Lay or Bust Dry Mash with Manamar
Manamar 20% Dairy Ration
Manamar Doublex 20% Dairy Ration
Manamar Fitting Ration
Manamar Lay or Bust Mash
Manamar Life Cycle Mash
Manamar Turkey Grower
Milkade Calf Meal
Milkmaid 20% Dairy Ration
Milkmaid 20% Dairy Ration with Manamar
Milkmaid 24% Sweetened Dairy Ration
Paramount Scratch Feed
Park & Pollard Chick Scratch
Park & Pollard Chick Starter
Park & Pollard Economy Scratch
Park & Pollard Horse Feed
Park & Pollard Starter and Broiler Mash
Park & Pollard Stock Feed
Park & Pollard Turkey Grower
Red Ribbon Scratch Feed
Top Notch 16% Ration
Yankee Dairy Ration
Yankee Horse Feed

Patent Cereals Co., Geneva, N. Y.

Hominy Feed

Pecos Valley Alfalfa Mill Co., Hagerman, N. M.

Peevee Alfalfa Leaf Meal

Penick & Ford, Ltd., Cedar Rapids, Iowa

Douglas Corn Gluten Feed

A. D. Pierce, Brooklyn, Conn.

Pierce's Growing Mash
Pierce's Special Laying Mash
Pierce's Starter and Broiler

Pillsbury Flour Mills Co., Minneapolis, Minn.

Pillsbury's Fancy Wheat Mixed Feed with ground wheat screenings
Pillsbury's Hard Wheat Bran with ground screenings
Pillsbury's Hard Wheat A Middlings with ground wheat screenings
Pillsbury's Hard Wheat Standard B Middlings with ground wheat screenings
Pillsbury's Rye Middlings with ground rye screenings
Pillsbury's Wheat Bran with ground wheat screenings not exceeding 8%
Pillsbury's XX Daisy

Maurice Pincoffs Co., Houston, Texas

Maurice Pincoffs Company 41% Protein Cottonseed Meal

Pittsburgh Plate Glass Co., Newark, N. J.

Red Wing 31% Protein Old Process Linseed Meal

Red Wing 32% Protein Old Process Linseed Meal

The Frank S. Platt Co., New Haven, Conn.

Platco Laying Mash

Post Products Division of General Foods Corp., Battle Creek, Mich.

Burt's Hominy Feed

Pratt's Food Co., Buffalo, N. Y.

Pratt's Baby Chick Food with Buttermilk

Pratt's Calf Meal with Buttermilk

Pratt's Circle A Scratch Feed

Pratt's Circle A Chick Scratch Feed

Pratt's Growing Mash with Buttermilk

Pratt's Intermediate Scratch Feed

Pratt's Laying Mash with Buttermilk

Pratt's Utility Horse Feed

H. C. Puffer Co., 194 Lyman St., Springfield, Mass.

Egg-Em-On Growing Feed

Egg-Em-On Laying Mash

Egg-Em-On Scratch Feed

Producer Dairy Feed

Producer Dairy Feed 24%

Horse Feed with Molasses

Sweetened Producer Dairy Feed

The Quaker Oats Co., 141 W. Jackson Blvd., Chicago, Ill.

Barley Feed

Bell Cow Wheat Bran

Bell Cow Wheat Shorts

Big Egg All Mash Starter-Grower

Big Egg Chick Starter-Growing Mash

Big Egg Laying Mash

Big Egg Scratch Grains

Early Bird Coarse Chick Feed

Early Bird Fine Chick Feed

Quaker Ful-O-Pep Chick Starter

Quaker Ful-O-Pep Coarse Chick Feed

Quaker Ful-O-Pep Developer

Quaker Ful-O-Pep Egg Mash

Quaker Ful-O-Pep Fine Chick Feed

Quaker Ful-O-Pep Growing Mash

Quaker Ful-O-Pep Scratch Grains

Quaker Ful-O-Pep Station Grade Fattening Feed

Quaker Ful-O-Pep Turkey Grower

Quaker Ful-O-Pep Turkey Starter

Quaker Green Cross Horse Feed

Quaker 16% Protein Dairy Ration

Quaker 20% Protein Dairy Ration

Quaker 24% Protein Dairy Ration

Quaker Schumacher Feed

Quaker Sugared Schumacher Feed

Schumacher Calf Meal

Schumacher Special Horse Feed Cubed

Sugared Vim Oat Mill Feed

Vim Oat Mill Feed

White Hominy Feed

Yellow Hominy Feed

Ralston Purina Co., St. Louis, Mo.

Corn Feed Meal
 Corn and Oat Provender
 Dried Beet Pulp
 Fine Ground Poultry Alfalfa Meal
 Protena 16% Dairy Feed (Buffalo Mill)
 Protena 20% Dairy Feed
 Protena 24% Dairy Feed
 Protena Scratch Feed
 Purina Bulky Las Chow (Buffalo Mill)
 Purina Bulky Omolene
 Purina Broiler Chow
 Purina Calf Startena
 Purina Calf Starting Chow
 Purina Chick Chow (Coarse)
 Purina Chick Chow (Fine)
 Purina Chicken Fatena
 Purina Chick Growena
 Purina Chick Startena
 Purina Dry and Freshening Cow Chow
 Purina Egg Chowder
 Purina Growing Chow
 Purina Growing Chow (with Cod Liver Oil)
 Purina Heifer Growing Chow
 Purina Hen Chow
 Purina Hog Fatena
 Purina Lay Chow
 Purina Layena (Complete Ration)
 Purina Milking Cow Chow (16%)
 Purina Milking Cow Chow (20%)
 Purina Milk Cow Chow (24%)
 Purina Omolene
 Purina 32% Chowder
 Purina Turkey Growing and Fattening Chow
 Purina Turkey Startena

John Reardon & Sons Co., Cambridge, Mass.

Register Brand Meat and Bone Scraps 45%
 Register Brand Meat Scraps 55%

Robin Hood Mills, Ltd., Moose Jaw, Sask., Canada

Superior Wheat Reddog

H. M. Rubin Co., Inc., Long Island City, N. Y.

Rubco Meat Bone Scrap 45%
 Rubco Meat Bone Scrap 50%
 Rubco Meat Bone Scrap 55%

Russell-Miller Milling Co., Minneapolis, Minn.

Alta Hard Wheat Middlings
 Hard Wheat Occident Bran
 Hard Wheat Occident Flour Middlings
 Hard Wheat Occident Mixed Feed
 Hard Wheat Occident Standard Middlings

Schoeneck Farms, Inc., Nazareth, Pa.

Keystone Brand Dehydrated Alfalfa Meal

Seaboard Supply Co., Philadelphia, Pa.

SBS Crab Meal
 SBS Fish Meal

Seaboard Western Grain Corp., 2 Broadway, New York, N. Y.

Wheat Bran (with ground screenings not exceeding mill run)
 Wheat Standard Middlings (with ground screenings not exceeding mill run)

Seymour Grain & Coal Co., Seymour, Conn.

18 Dairy Ration
Miracle Chick Feed
Miracle Chick Starter
Miracle Fitting Ration
Miracle Grower
Miracle Horse Feed
Miracle Mash
Miracle Scratch
Miracle 16% Dairy Ration
See More Milk Dairy Ration

Sheffield Farms Co., Inc., 524 W. 57th St., New York, N. Y.
Sheffield Skim Milk Powder**Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland, Ohio**
S-W 34% Pure Old Process Linseed Meal**Ike Sovitsky, Ansonia, Conn.**

Ansonia Egg Mash with Buttermilk and Cod Liver Oil
Ansonia Scratch Feed
Ansonia Stock Feed
Ansonia 20% Sweetened Dairy Feed
Connecticut State Open Formula Dairy Ration

A. E. Staley Manufacturing Co., Decatur, Ill.

Staley's Corn Gluten Feed
Staley's Soybean Oil Meal

John T. Stanley Co., Inc., 642 West 30th St., New York, N. Y.

Stanley's Meat and Bone Scrap—55% Protein

St. Albans Grain Co., St. Albans, Vt.

Brewers' Dried Grains
Champlain Valley 20 Dairy Ration
Champlain Valley 24 Dairy Ration
Corn Distillers' Dried Grains
Hygrade Fitting Ration
Hygrade Horse Feed
Hygrade 16 Sweetened Milk Ration
Hygrade 20 Sweetened Milk Ration
Hygrade 24 Sweetened Milk Ration
Mornin' Call Poultry Grains
Paragon Hominy Feed
Pilgrim Growing Mash
Pilgrim Laying Mash
Pilgrim Scratch Feed
Pilgrim 20 Dairy Ration
Utility Dairy Ration
Utility 16 Dairy Ration
Wirthmore Baby Chick Scratch
Wirthmore Baby Chick Starter—A Complete Balanced Feed for the First Six Weeks Containing Cod Liver Oil
Wirthmore 25 Balanced Ration, Sweetened
Wirthmore Breeder Mash
Wirthmore Calf Meal
Wirthmore Complete Chick Starter and Broiler Ration
Wirthmore Complete Growing Ration
Wirthmore Complete Laying Ration
Wirthmore 16 Dairy Ration containing Fortified Cod Liver Oil
Wirthmore 16 Dairy Ration, Sweetened
Wirthmore 20 Dairy Feed containing Fortified Cod Liver Oil
Wirthmore 20 Dairy Feed Sweetened
Wirthmore 14 Fitting Ration
Wirthmore Fleshing and Fattening Mash

St. Albans Grain Co., St. Albans, Vt.—(Continued)

Wirthmore Fleshing Pellets A Conditioning Feed for Poultry
 Wirthmore Flour Middlings
 Wirthmore Fodder Greens
 Wirthmore Growing Mash containing Cod Liver Oil
 Wirthmore Horse Feed
 Wirthmore Intermediate Scratch Feed
 Wirthmore Laying Mash containing Cod Liver Oil
 Wirthmore Laying Pellets A Complete Ration for Caged Layers
 Wirthmore Pig and Hog—A Growing and Fattening Feed
 Wirthmore Scratch Feed
 Wirthmore Stock Feed
 Wirthmore Turkey Breeder Ration
 Wirthmore Turkey Fattening Ration
 Wirthmore Turkey Growing Ration
 Wirthmore Turkey Starting Ration
 Wirthmore Wheat Feed

The St. Lawrence Flour Mills Co., Ltd., Montreal, Canada

Premier Bran

D. A. Stickell & Sons, Inc., 67 W. Baltimore St., Hagerstown, Md.

Blue Ridge Egg Mash
 Snap Scratch Grains
 Snap Sweet 20% Dairy Feed
 Stickell's Certified 20% Ration
 Stickell's Intermediate Chick Feed
 Stickell's Poultry Fatner
 Su-Pur All Mash Starter
 Su-Pur Horse and Calf Meal
 Victor Scratch Grains
 Zip Growing Mash

F. W. Stock & Sons, Hillsdale, Mich.

Litchfield Mixed Feed
 Stock's Bran
 Stock's Middlings

Swift & Co. Oil Mills, Atlanta, Ga.

41% Cottonseed Meal

Syracuse Milling Co., Syracuse, N. Y.

Onondaga Chick Feed
 Onondaga Dairy Feed Sweetened
 Onondaga Scratch Grains
 Syragold Chick Feed
 Syragold Chick Starter
 Syracuse Complete Starting and Growing Mash
 Syragold Dairy Feed
 Syragold Dairy Feed Sweetened
 Syragold Egg Mash
 Syragold Flour Middlings with Mill Run Screenings
 Syragold Growing Mash
 Syragold Horse Feed with Molasses
 Syragold Laying Mash with Buttermilk
 Syragold Milk Ration Sweetened
 Syragold Scratch Grains
 Syragold Stock Feed

Thomaston Supply Co., Inc., Thomaston, Conn.

Thomaston Dairy Ration
 Thomaston Egg Mash with Cod Liver Oil
 Thomaston Growing Mash with Cod Liver Oil
 Thomaston Scratch

Tioga Mills, Inc., Waverly, N. Y.

Chicatine
Conditiontine
20% Creamatine
Derby Dairy Feed
Derby Ground Corn and Oats
Derby Scratch Feed
Egatine
E-Gee Dairy Feed
Neverfail Flusher
Neverfail Horse Feed
Or-Co Feed
Red Brand Tioga Dairy Feed
Tioga Calf Food
Tioga Growing Grains
Tioga Laying Food
Tioga Poultry Grain
Tioga Starter and Grower

Traders Feed & Grain Co., Inc., Buffalo, N. Y.

Rex Wheat Bran with Screenings not Exceeding Mill Run
Rex Wheat Middlings with Screenings not Exceeding Mill Run

Jacob Trinley & Sons, Linfield, Pa.

Corn Feed Meal
Favorite 20% Dairy Feed
Favorite Growing Mash
Favorite Horse Feed
Favorite Laying Mash
Favorite Scratch Grains
Melo Horse Feed
Real Calf Meal
Real Chick Feed
Real Chick Starter
Real 20% Dairy Feed
Real Fattening Mash
Real Growing Mash
Real Intermediate Chick Feed
Real Laying Mash
Real Scratch Grains
Real Starter and Developer Mash
Real Stock Feed
Real Turkey Mash (Starter and Grower)
Supreme 85% Horse Feed
Trinley's 16% Dairy Feed
Trinley's 24% Dairy Feed

Union Starch & Refining Co., Columbus, Ind.

Union Corn Gluten Feed

Union Supply & Milling Corp., Burbank, Calif.

Sunshine Alfalfa Leaf Meal

United Coöperative Farmers', Inc., Fitchburg, Mass.

United Farmers Growing Mash
United Farmers Milk Egg Mash
United Farmers Milkmaker
United Farmers Starting and Growing Mash

Unity Feeds, Inc., 177 Milk St., Boston, Mass.

Paycheck 16% Dairy Ration
Paycheck 20% Dairy Ration
Paycheck 24% Dairy Ration
Paycheck Laying Mash with Cod Liver Oil
Paycheck Scratch Feed

Unity Feeds, Inc., 177 Milk St., Boston, Mass.—(Continued)

Paymaster 20% Dairy Ration
Paymaster 24% Dairy Ration
Paymaster Laying Mash
Paymaster Laying Mash with Cod Liver Oil
Paymaster Scratch Feed
Unity Chick Starter
Unity Complete Starting and Broiler Mash
Unity 20% Dairy Ration
Unity 24% Dairy Ration
Unity Growing Mash with Cod Liver Oil
Unity Horse Feed
Unity Laying Mash with Cod Liver Oil
Unity Pig and Hog Ration
Unity Stock Feed
Unity Turkey Starter and Growing Mash

Upper Hudson Rye Flour Mills, Inc., Troy, N. Y.

Upper Hudson Rye Feed

Geo. Urban Milling Co., 332 N. Oak St., Buffalo, N. Y.

Wheat Bran with Ground Screenings not Exceeding Mill Run

The Van Iderstine Co., Long Island City, N. Y.

Vico Quality Meat and Bone Scrap for Poultry
Vico High Protein Meat and Bone Scrap for Poultry

Victor Flour Mills, Inc., Pittsford, N. Y.

Fancy Heavy Winter Wheat Mixed Feed
Saturn Wheat Bran
Saturn Wheat Middlings
Victor Spring Wheat Bran
Victor Spring Wheat Middlings

Hiram Walker & Sons, Inc., Peoria, Ill.

Corn Distillers' Dried Grains

Ward Dry Milk Co., St. Paul, Minn.

Ward's Pure Dried Buttermilk
Ward's Pure Dried Skim Milk

Watertown Co-operative Assoc., Inc., Watertown, Conn.

Sterling Scratch

Wayne County Grangers Feed Corp., Clyde, N. Y.

Clyde 20% Dairy Feed
Economy 20% Dairy Feed
Galen 24% Dairy Feed
24% Milkproducer Dairy
Superior Broiler Ration with Milk and Cod Liver Oil
Superior Chick Starter with Buttermilk and Cod Liver Oil
20% Superior Dairy Feed
Superior Growing Mash with Buttermilk and Cod Liver Oil
Superior Laying Mash with Buttermilk and Cod Liver Oil
Superior Turkey Grower and Fattener with Milk and Cod Liver Oil
Superior Turkey Starter with Milk and Cod Liver Oil
Sweetened 16% Dairy Feed
Universal Horse Feed

West-Nesbitt, Inc., Oneonta, N. Y.

Pure Feed Chick Grains
Pure Feed Dairy Ration
Pure Feed Egg Mash
Pure Feed Horse Ration

West-Nesbitt, Inc., Oneonta, N. Y.—(Continued)

Pure Feed Scratch Grains
Pure Feed Starting Mash
Pure Feed Starting and Growing Mash
Super Pure Sweetfeed Dairy Ration

Wolf's Feed Store, Shelton, Conn.

Wolf's Chick Starter
Wolf's Egg Mash
Wolf's Growing Mash 100 lbs.
Wolf's Sweetened 20% Dairy Ration (with Molasses)

Worcester Rendering Co., Auburn, Mass.

P. W. Fish Meal

The Yantic Grain & Products Co., Norwich, Conn.

Al-Mo
Big (Y) All in All Egg Ration
Big (Y) All in All Growing Ration
Big (Y) Broiler Fattening Mash
Big (Y) Chick Scratch Grains
Big (Y) Chick Starter with Cod Liver Oil
Big (Y) Complete Broiler and Chick Ration
Big (Y) Dairy 16%
Big (Y) Dairy 20%
Big (Y) Dairy 24%
Big (Y) Fitting Ration
Big (Y) Flour Middlings
Big (Y) Growing Feed with Cod Liver Meal and Dried Milk
Big (Y) Hog and Pig Ration
Big (Y) Horse Feed
Big (Y) Intermediate Chick Feed
Big (Y) Laying Mash with Cod Liver Meal
Big (Y) Laying Mash with Dried Milk and Cod Liver Meal
Big (Y) Milk and Oil Growing Feed
Big (Y) Mixed Feed
Big (Y) Scratch Feed
Big (Y) Stock Feed
Big (Y) Sugared Oat Feed
Big (Y) Sugared Stock Feed
Big (Y) Turkey Growing Feed
Big (Y) Turkey Starter
Calico Girl Scratch Feed
Columbia Dairy Feed
Columbia Horse Feed
Columbia Laying Mash
Columbia Scratch Feed
Economy Horse Feed
Open Formula Dairy 16%
Open Formula Dairy 20%
Open Formula Dairy 24%
Purity Dairy Ration

INSPECTION

For the year 1936 a total of 1,331 samples of feeding stuffs and related materials have been examined. They are classified as follows:

Concentrated feed stuffs, official samples.....	822
Miscellaneous feeds examined for individuals.....	82
Feeds examined for poisons.....	22
Pasture grass samples and other fodder materials from Storrs....	323
Check samples, cottonseed meal.....	30
Dog feeds.....	52
Total.....	1,331

A summary of the results of the inspection and analysis of the official samples other than dog feeds is as follows:

Total number of samples.....	822
Samples deficient in:	
one item.....	93
two items.....	9
three items.....	1
Percentage of samples meeting guaranties in all respects.....	88
Total guaranties made.....	2,453 ¹
Guaranties not met:	
protein.....	34
fiber.....	24
fat.....	56
Percentage of guaranties met.....	95

Analyses of official samples are given in Table 1.

¹ Thirteen samples with only two guaranties.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Found	%	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
1715	Albers Bros. Milling Co. Seattle, Wash. Calf Manna.....	Westerly: C. W. Campbell Co.....	%	27.19	%	25.00	%	%	%	%
3660	E. T. Allen Co., Atlanta, Ga. Empire 41% Protein Cottonseed Meal	Norwich: Norwich Grain Co.....	9.45	42.31	25.00	2.93	5.00	5.18	4.00	
3685	Allied Mills, Inc., Chicago, Ill. Arab Horse Feed.....	Plainville: Sunshine Feed Store.....	6.15		41.00	9.15	13.00	7.63	5.50	
3552	Brewers' Dried Grains.....	Thomaston: Thomaston Supply Co..	10.33	11.81	10.00	8.05	12.00	3.05	2.00	
1384	Empire Egg Mash with Sardine Oil...	Plainville: Sunshine Feed Store.....	4.88	25.00	24.00	14.60	18.00	6.55	5.00	
3166	Empire 20% Dairy Ration.....	Plainville: Sunshine Feed Store.....	10.20	17.56	16.50	5.95	7.00	5.08	3.50	
3165	Empire 24% Dairy Ration.....	Plainville: Sunshine Feed Store.....	10.58	20.13	20.00	8.58	12.00	4.45	3.00	
3688	Empire Growing Mash with Sardine Oil	Plainville: Sunshine Feed Store.....	10.18	24.13	24.00	9.20	12.00	4.53	3.00	
3689	Empire Scratch Feed.....	Plainville: Sunshine Feed Store.....	8.68	18.38	16.00	6.55	7.00	5.55	3.00	
1385	41% Soybean Oil Meal.....	Plainville: Sunshine Feed Store.....	10.05	10.75	9.00	2.43	4.00	2.10	2.50	
3498	June Pasture.....	Plainville: Sunshine Feed Store.....	9.88	39.75	41.00	5.13	7.00	5.90	5.00	
1390	Pure Corn & Oats Provender.....	Suffield: R. J. C. Wetherell.....	14.05	12.69	10.00	16.43	21.00	1.18	0.50	
3874	Super Soy.....	Plainville: Sunshine Feed Store.....	11.78	11.50	9.00	5.58	10.00	3.53	3.50	
3169	Wayne Amco 20% Dairy Ration.....	Plainville: Sunshine Feed Store.....	8.93	40.25	37.00	4.83	6.50	5.30	4.50	
		Plainville: Sunshine Feed Store.....	9.88	20.63	20.00	8.15	9.00	4.10	4.00	

3164	Wayne Amco 24% Dairy Ration.....	Plainville: Sunshine Feed Store.....	9.83	24.94	24.00	8.15	9.00	4.53	4.00
1382	Wayne Broiler Ration.....	Plainville: Sunshine Feed Store.....	10.03	19.06	18.00	5.60	8.00	5.58	3.50
3167	Wayne Calf Meal.....	Plainville: Sunshine Feed Store.....	10.38	24.13	24.00	6.18	7.00	5.03	4.00
1383	Wayne Chick Feed.....	Plainville: Sunshine Feed Store.....	11.98	12.00	9.00	2.15	4.00	4.30	2.00
1380	Wayne Chick Starter.....	Plainville: Sunshine Feed Store.....	10.55	19.50	17.00	4.72	6.00	5.50	4.00
1381	Wayne Egg and Breeder Mash.....	Plainville: Sunshine Feed Store.....	10.20	19.50	18.00	5.75	7.00	5.60	3.50
3163	Wayne Egg and Breeder Mash with Sardine Oil.....	Plainville: Sunshine Feed Store.....	9.08	18.31	18.00	6.53	7.00	6.38	3.50
1386	Wayne Growing Mash with Sardine Oil.....	Plainville: Sunshine Feed Store.....	10.48	17.75	16.00	4.85	6.00	4.85	4.00
3168	Wayne Horse Feed.....	Plainville: Sunshine Feed Store.....	11.80	10.00	9.50	4.10	8.00	2.83	3.00
3686	Wayne Mash Concentrate with Sardine Oil.....	Plainville: Sunshine Feed Store.....	6.60	37.25	32.00	6.20	8.00	8.48	4.00
4010	Wayne Mash Concentrate with Sardine Oil.....	Plainville: Sunshine Feed Store.....	7.28	36.88	32.00	6.35	8.00	8.60	4.00
3687	Wayne 26% Mash Supplement.....	Plainville: Sunshine Feed Store.....	7.65	29.50	26.00	8.25	10.00	5.60	4.00
1388	Wayne 26% Mash Supplement with Sardine Oil.....	Plainville: Sunshine Feed Store.....	8.38	28.13	26.00	8.15	10.00	6.03	4.00
3690	Wayne Pork Maker.....	Plainville: Sunshine Feed Store.....	9.63	17.88	14.00	4.98	7.00	4.50	3.50
1389	Wayne Poultry Fattener.....	Plainville: Sunshine Feed Store.....	10.30	15.56	13.50	5.28	8.00	4.33	3.50
1387	Wayne Starter and Grower with Sardine Oil.....	Plainville: Sunshine Feed Store.....	10.43	16.19	16.00	5.23	6.00	5.53	3.50
3170	Wayne Turkey Growing Mash with Sardine Oil.....	Plainville: Sunshine Feed Store.....	10.00	19.94	18.00	6.78	8.00	5.53	3.50
3162	Wayne Turkey Starting Mash.....	Plainville: Sunshine Feed Store.....	9.25	26.31	25.00	5.30	8.00	6.58	4.00
1841	American Maize Products Co., New York, N. Y. Cream of Corn Gluten Feed.....	Sharon: F. A. Wike & Co.....	8.73	26.00	25.00	7.33	8.50	3.25	2.00
1463	Zip Egg Mash.....	Derby: Derby Feed Store.....	10.98	18.25	18.00	6.30	6.00	5.78	4.00

Anchor Mills,
Hagerstown, Md.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	Found	Guaranteed not less than
	Arcady Farms Milling Co., Chicago, Ill.		%	%	%	%	%	%	%	%
3652	Arcady 24% Open Formula Production Ration.....	Lebanon: Berkman Grain Co.....	8.50	22.00	24.00	8.00	9.00	3.50	3.00	
3161	Arcady Scratch Grains.....	New Britain: S. P. Strophe.....	11.55	12.50	10.00	2.43	5.00	2.53	2.50	
1516	Arcady-Wonder Complete All Mash Chick Starter.....	Meriden: Reliable Feed Store.....	10.03	17.25	17.00	6.45	5.00	4.25	5.00	
1518	Arcady-Wonder Complete Broiler Ration.....	Meriden: Reliable Feed Store.....	9.73	18.44	17.00	6.15	5.00	4.58	4.00	
1512	Arcady-Wonder Complete Laying Ration.....	Meriden: Reliable Feed Store.....	9.50	17.88	16.00	6.55	7.00	4.15	4.50	
1515	Arcady-Wonder Growing Mash.....	Meriden: Reliable Feed Store.....	9.55	16.25	17.00	7.18	7.00	3.63	4.00	
1517	Arcady-Wonder Laying Mash.....	Meriden: Reliable Feed Store.....	9.73	20.19	20.00	6.53	7.00	4.13	4.00	
3130	Arcady-Wonderlas.....	New Britain: S. P. Strophe.....	11.80	29.63	30.00	5.30	6.00	4.78	4.00	
1511	Riverside Scratch Grains.....	Meriden: Reliable Feed Store.....	12.50	11.19	10.00	2.43	5.00	3.43	2.50	
1514	Sunkist Egg Mash.....	Meriden: Reliable Feed Store.....	9.28	20.50	20.00	7.78	8.00	3.65	4.00	
3131	Sunkist Scratch Grains.....	New Britain: S. P. Strophe.....	11.85	12.69	10.00	2.98	5.00	2.60	2.50	
3129	Wonder Horse & Mule Feed.....	New Britain: S. P. Strophe.....	11.25	9.38	9.00	5.80	10.00	3.33	3.00	
3626	Wonder Sugared Stock Feed.....	Eastford: Wm. S. Warren.....	9.78	11.75	10.00	7.53	12.00	3.00	3.00	

1794	Archer-Daniels-Midland Co., Minneapolis, Minn.	Torrington: Litchfield Co-op. Assoc....	8.15	32.63	32.00	7.38	9.00	5.25	4.50
1543	32 Per Cent Protein Old Process Linseed Meal.....	Long Hill: Long Hill Feed Store.....	9.75	42.25	41.00	4.95	7.00	5.05	4.50
1469	Ashcraft-Wilkinson Co., Atlanta, Ga.	Shelton: Wolf's Feed Store.....	7.28	41.31	41.00	10.08	13.00	6.10	5.00
1797	E. R. Bacon Grain Co., Chicago, Ill.	East Winsted: Leonard Grain Co.....	9.23	25.75	24.00	7.80	8.00	3.43	2.00
3748	E. W. Bailey & Co., Montpelier, Vt.	New London: B. J. McCarthy.....	9.18	21.19	20.00	8.95	9.00	4.30	3.50
1905	Bailey's 20% Special Dairy Ration...	Lebanon: Berkman Grain Co.....	11.15	16.25	14.00	6.13	9.00	4.65	4.00
3651	Bailey's Fitting Ration (Sweetened)...	Lebanon: Berkman Grain Co.....	9.43	25.00	24.00	6.63	9.00	4.85	4.50
3602	Capitol Dairy Ration (Sweetened)...	West Willington: H. M. Hansen.....	10.93	20.75	20.00	6.98	7.50	4.18	4.00
3597	Favorite Dairy Ration (Sweetened)...	Mansfield Depot: Merritt Thompson..	9.80	19.50	20.00	10.55	11.00	4.98	5.00
1684	New Deal Dairy Ration.....	New London: B. J. McCarthy.....	9.65	17.00	17.00	4.33	5.00	4.10	5.00
3654	Pennant Chick Starter.....	Lebanon: Berkman Grain Co.....	8.78	18.00	15.00	5.90	5.00	5.30	5.00
3749	Pennant Growing Feed.....	New London: B. J. McCarthy.....	10.63	11.63	10.75	5.80	6.50	3.23	3.50
1904	Pennant Horse Feed.....	Lebanon: Berkman Grain Co.....	9.90	21.63	20.00	4.83	6.00	4.13	5.00
1683	Pennant Laying Mash.....	New London: B. J. McCarthy.....	9.70	22.75	20.00	5.35	6.00	4.68	5.00
3750	Oil and Cod Liver Meal.....	New London: B. J. McCarthy.....	10.70	12.19	10.00	2.85	6.50	3.00	3.00
3600	Pennant Scratch Feed.....	West Willington: H. M. Hansen.....	10.48	9.50	9.50	9.13	9.50	4.05	4.00
3653	Pennant Turkey Growing Feed.....	Lebanon: Berkman Grain Co.....	8.68	23.88	23.00	6.85	6.00	5.78	4.50
3664	Baker Bros., Binghamton, N. Y.	Colchester: J. Boretz.....	9.73	21.38	12.00	6.58	16.00	4.60	3.50
4096	Purfeed Calf Ration ¹	Colchester: J. Boretz.....	10.63	21.13	12.00	6.65	16.00	4.78	3.50
3420	Purfeed Dairy Ration.....	Southington: Louis Perillo Coal Co....	10.13	20.00	20.00	7.65	10.00	5.13	4.50

¹ Does not correspond to guaranty.² Rose-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	
	Barber & Bennett, Inc., Albany, N. Y.		%	%	%	%	%	%	%	
3171	Big Ben Brand 16% Dairy Feed	Plainville: State Farmers' Co-op.	10.93	17.31	16.00	6.80	12.00	3.58	3.50	
1404	Big Ben 20% Dairy Feed	Plainville: State Farmers' Co-op.	10.75	18.75	20.00	6.43	12.00	3.80	3.50	
3172	Big Ben Brand 24% Dairy Feed	Plainville: State Farmers' Co-op.	9.83	24.25	24.00	6.98	11.00	4.45	4.00	
3175	Egg-O-Laying Mash	Plainville: State Farmers' Co-op.	10.23	21.88	20.00	4.08	7.00	4.30	4.00	
1392	Fort Orange Brand Combination Mash with Kelp, "Starting-Growing-Lay- ing"	Plainville: State Farmers' Co-op.	9.75	21.00	18.00	5.38	7.00	6.68	3.50	
1531	Fort Orange Brand Laying and Breed- ing Mash	Kensington: A. S. Labieniec Co., Inc.	9.98	21.25	19.50	4.78	7.00	5.30	4.00	
3692	The B. & B. Dairy Co., Inc., Margaretville, N. Y. Buell-Boston Dried Skim Milk	Granby: E. H. Rollins	4.78	34.25	33.00	0.95 ¹	0.20	
3038	Beacon Milling Co., Inc., Cayuga, N. Y.									
3405	Auburn Brand Auburn Dairy Feed	Portland: Valley Mills	11.63	21.31	20.00	6.78	10.00	3.33	4.00	
1601	Beacon Breeders Mash with Buttermilk	Danbury: C. S. Barnum & Son	8.98	21.88	20.00	6.38	7.00	5.60	4.00	
1667	Beacon Broiler Feed	Danbury: C. S. Barnum & Son	10.70	18.50	17.00	4.48	6.00	4.88	4.00	
	Beacon Calf Grain Ration	Southbury: H. H. Stone	10.98	15.25	15.00	7.51	10.00	4.53	4.00	

¹ Rose-Gottlieb Method.

1604	Beacon Calf Pellets.....	Danbury: C. S. Barnum & Son.....	10.15	26.00	25.00	2.83	4.00	3.33	3.50
1607	Beacon Cayuga Developer Feed.....	Danbury: C. S. Barnum & Son.....	12.88	10.13	10.00	1.78	3.00	2.88	2.50
1461	Beacon's Cayuga Growing Mash.....	Bridgeport: H. C. Ferris.....	10.73	17.69	16.00	6.73	7.00	4.68	4.00
3345	Beacon's Cayuga Horse Feed.....	Bridgeport: H. C. Ferris.....	12.48	11.81	10.00	6.58	9.00	2.75	2.50
1462	Beacon's Cayuga Laying Mash with Buttermilk.....	Bridgeport: H. C. Ferris.....	9.68	20.50	20.00	6.55	7.00	5.43	4.00
3760	Beacon's Cayuga Scratch Feed.....	Bridgeport: H. C. Ferris.....	10.35	10.75	9.00	2.83	5.00	2.48	2.00
3759	Beacon CC Pellets.....	Bridgeport: H. C. Ferris.....	8.55	19.38	18.00	3.23	5.00	5.23	1.00
1459	Beacon Complete Starting Ration.....	Bridgeport: H. C. Ferris.....	10.55	18.13	17.50	4.93	6.00	4.43	4.00
3871	Beacon Dairy Ration.....	Danbury: C. S. Barnum & Son.....	8.05	25.88	24.00	7.93	9.00	4.78	4.50
1611	Beacon Developer Feed.....	Danbury: C. S. Barnum & Son.....	12.65	10.19	10.00	1.48	3.00	3.03	2.50
3408	Beacon Duck Laying Pellets.....	Danbury: C. S. Barnum & Son.....	10.00	19.50	17.00	4.63	6.00	4.50	4.50
1460	Beacon Egg Mash with Buttermilk.....	Bridgeport: H. C. Ferris.....	9.48	23.19	22.00	5.88	7.00	5.58	4.50
3765	Beacon Fitting Ration.....	Botsford: G. T. Rasmussen.....	9.25	15.75	15.00	6.80	8.00	4.58	4.00
3546	Beacon Fleshing Pellets.....	Southbury: H. H. Stone.....	9.25	15.69	15.00	5.58	5.00	4.63	3.50
1466	Beacon Growing Mash.....	Shelton: Shelton Grain Co.....	10.55	19.38	18.00	6.43	7.00	4.65	4.00
1668	Beacon Hog Feed.....	Southbury: H. H. Stone.....	10.00	20.13	18.00	6.05	7.00	4.40	5.00
3407	Beacon Scratch Grains.....	Danbury: C. S. Barnum & Son.....	12.00	10.00	9.00	2.25	5.00	2.03	2.00
3346	Beacon Special Scratch Grains.....	Bridgeport: H. C. Ferris.....	11.83	10.00	10.00	2.00	3.50	1.90	2.00
3545	Beacon Special Horse Feed.....	Southbury: H. H. Stone.....	10.85	11.94	10.50	7.18	8.00	3.60	3.50
3343	Beacon Sweet "20".....	Bridgeport: H. C. Ferris.....	10.80	20.75	20.00	6.45	9.00	4.48	4.00
3403	Beacon Sweet "24".....	Danbury: C. S. Barnum & Son.....	10.68	25.25	24.00	7.23	9.00	4.43	4.00
1467	Beacon Turkey Growing Feed.....	Shelton: Shelton Grain Co.....	9.98	20.88	20.00	5.50	7.00	5.05	4.00
3347	Beacon Turkey Starter.....	Bridgeport: H. C. Ferris.....	9.30	24.25	24.00	4.25	6.00	4.78	4.00
3401	Beacon "20".....	Danbury: C. S. Barnum & Son.....	10.08	21.63	20.00	8.10	9.00	4.38	4.50
3344	Cayuga Pasture and Fitting Ration.....	Bridgeport: H. C. Ferris.....	10.90	19.56	16.00	7.20	9.00	3.88	3.50
1609	Cayuga Stock Feed.....	Danbury: C. S. Barnum & Son.....	11.30	15.56	15.00	7.85	9.00	3.30	3.50
3764	Corn and Oats Chop.....	Botsford: G. T. Rasmussen.....	9.18	11.38	9.50	5.10	7.00	4.00	4.00
<p style="text-align: center;">Bisbee Linseed Co., Philadelphia, Pa.</p>									
1505	Bisbee Brand 34% Protein Old Process Linseed Meal.....	Wallingford: Laden Bros. Co.....	9.28	35.00	34.00	7.75	10.00	6.23	5.00
<p style="text-align: center;">Black Rock Milling Corp., Buffalo, N. Y.</p>									
3549	Paramount 20% Dairy Ration.....	Woodbury: C. L. Adams Co.....	9.60	20.13	20.00	9.78	10.00	4.35	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	
3588	Blatchford Calf Meal Co., Waukegan, Ill. Blatchford's Calf Meal	New Milford: Soule Grain Co.	9.78	25.75	26.00	5.08	6.00	4.58	5.00	
3396	Bradley & Baker, New York, N. Y. Dried Beet Pulp	Cos Cob: Belmont Feed Co.	7.85	9.00	7.50	16.53	20.00	0.43	0.50	
1882	A. D. Bridge's Sons, Inc., Hazardville, Conn. Success Dairy Ration	Hazardville: A. D. Bridge's Sons, Inc.	9.08	23.63	20.00	7.43	9.50	4.68	4.20	
1900	Leon Broder Grain Store, Colchester, Conn. L. B. Milk Ration	Colchester: Leon Broder Grain Store	8.73	20.38	20.00	8.90	8.50	5.40	5.00	
1449	C. Buckingham & Co., Southport, Conn. C. B. 20% Dairy	Southport: C. Buckingham & Co.	10.15	20.88	20.00	8.30	10.00	4.43	4.00	
3369	C. B. 24% Dairy	Southport: C. Buckingham & Co.	10.40	24.31	24.00	8.58	10.00	4.80	4.00	
1444	C. B. Egg Mash	Southport: C. Buckingham & Co.	11.05	19.94	19.00	5.58	8.00	4.23	5.00	
3368	C. B. Growing Mash	Southport: C. Buckingham & Co.	10.75	16.25	15.00	4.55	6.00	5.13	4.00	
1445	C. B. Scratch Feed	Southport: C. Buckingham & Co.	13.55	9.88	10.00	2.25	4.00	2.75	2.00	
3367	C. B. Starter	Southport: C. Buckingham & Co.	10.60	18.75	17.00	3.78	5.00	4.10	4.00	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Protein (N x 6.25)		Fiber		Fat		Guaranteed not less than	
			Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed		
			Water	%	%	%	%	%	%	%
3674	Checkerboard Feed Store, Oswego, N. Y.	Waterbury: Checker Board Feed Store	8.23	24.63	9.85	9.50	4.10	4.00		
3673	Ontario 20% Dairy Feed..... Protena Laying Mash.....	Waterbury: Checker Board Feed Store	8.43	20.13	7.83	8.50	5.10	3.50		
3618	Clinton Co., Clinton, Iowa Clinton Corn Gluten Feed.....	Willimantic: W. D. Grant.....	10.50	29.75	5.63	8.50	2.30	2.00		
2991	Coatsworth & Cooper, Toronto, Canada "C & C" Pure Bran.....	Middlefield: Middlefield Grain & Coal Co.....	11.58	16.31	10.30	11.50	4.98	3.50		
2990	"C & C" Pure Shorts.....	Middlefield: Middlefield Grain & Coal Co.....	11.48	18.06	7.03	8.00	5.50	5.00		
3029	The Coles Feed & Grain Co., Inc., Middletown, Conn. Fortune Chick Starter with Clo-trate Oil.....	Middletown: The Coles Feed & Grain Co., Inc.....	10.68	18.63	4.23	5.00	6.08	4.00		
3698	Fortune Egg Mash with Cod Liver Oil	Middletown: The Coles Feed & Grain Co., Inc.....	9.15	20.06	5.08	9.00	5.88	3.50		

3030	Fortune Growing Mash with Cod Liver Oil.....	Middletown: The Coles Feed & Grain Co., Inc.....	11.33	17.00	18.00	5.53	5.00	6.38	4.00
3031	Fortune Scratch Feed.....	Middletown: The Coles Feed & Grain Co., Inc.....	13.30	11.88	10.00	3.13	5.00	3.00	2.50
3159	Collis Products Co., St. Paul, Minn. Collis Process Dried Buttermilk.....	Meriden: Reliable Feed Store.....	9.60	29.06	30.00	4.75 ¹	5.00
3658	Commander-Larabee Corp., Minneapolis, Minn. Sunfed Red Dog, Pure Wheat Product	Norwich: Norwich Grain Co.....	10.20	21.38	16.00	3.23	4.00	4.53	4.00
3036	Sunfed Wheat Bran with ground screenings.....	Middletown: P. Levson & Son.....	12.53	15.81	14.00	9.10	12.00	4.75	4.00
3136	Sunfed Wheat Standard Middlings with ground screenings.....	No. Haven: Economy Feed Service...	11.48	19.88	15.00	6.48	9.50	4.58	4.00
1834	Community Service, Inc., Lakeville, Conn. Community 20% Dairy Ration.....	Canaan: Community Service, Inc.....	8.88	22.06	20.00	9.05	9.50	5.30	4.50
1832	Community 20% Dairy Ration "Thrift Brand".....	Canaan: Community Service, Inc.....	8.25	22.38	20.00	10.05	11.00	4.60	4.50
1833	Community Pasture Ration.....	Canaan: Community Service, Inc.....	9.03	18.38	16.00	9.60	12.00	4.28	3.50
1831	Community Poultry Mash.....	Canaan: Community Service, Inc.....	9.78	19.50	18.00	5.98	6.50	4.78	4.00
1472	G. E. Conkey Co., Cleveland, Ohio Conkey's Y-O (Brand) Growing Mash	Ansonia: A. Hodos & Son.....	10.73	18.50	18.00	5.28	7.00	5.33	5.00
1473	Conkey's Y-O (Brand) (The Original) Starting Feed.....	Ansonia: A. Hodos & Son.....	11.68	17.38	16.00	3.68	5.00	5.55	4.50
1547	Conn. Fat Rendering & Fertilizer Corp. West Haven, Conn. "Yankee Brand" High Grade Meat Scrap.....	Long Hill: Long Hill Feed Store.....	6.38	44.75	45.00	1.60	3.00	13.23	7.00

¹ Roese-Gottlieb Method.

1938 1937 3631 1939	E. A. Cowee Co., Fitchburg, Mass.		Quinebaug: M. T. Dart.....	8.95	17.88	14.00	5.68	6.00	6.53	4.50
			Quinebaug: M. T. Dart.....	9.38	20.69	20.00	5.65	7.50	4.35	4.00
			Quinebaug: M. T. Dart.....	9.65	17.50	20.00	9.70	10.00	3.93	4.00
			Quinebaug: M. T. Dart.....	11.60	11.50	10.00	3.08	3.00	2.83	2.50
1409 1408 1405 1406 3332 3331 3330 3328 3335	C. A. Cowles, Inc., Plantsville, Conn.		Milford: Economy Feed Store.....	10.75	15.63	18.00	3.70	6.00	5.05	4.00
			Milford: Economy Feed Store.....	10.43	13.88	16.00	5.63	7.50	5.23	4.00
			Milford: Economy Feed Store.....	10.05	19.38	18.00	6.53	6.00	5.08	4.50
			Milford: Economy Feed Store.....	10.60	17.00	18.00	4.25	8.00	4.50	4.50
			Plantsville: C. A. Cowles, Inc.....	10.28	24.38	20.00	8.50	10.00	4.45	5.00
			Plantsville: C. A. Cowles, Inc.....	10.23	24.63	24.00	7.68	10.00	4.95	5.00
			Plantsville: C. A. Cowles, Inc.....	12.75	11.38	10.00	5.65	10.00	3.90	3.00
			Plantsville: C. A. Cowles, Inc.....	11.58	18.13	18.00	6.70	6.00	5.58	4.50
			Milford: Economy Feed Store.....	12.18	11.50	10.00	2.93	4.00	2.38	2.25
	Chas. M. Cox Co., Boston, Mass.		Stepney: Wirthmore Grain & Coal Co.	10.90	17.13	15.00	9.63	11.50	5.90	3.50
			New Milford: Soule Grain Co.....	10.33	20.50	18.00	5.23	7.00	4.63	4.00
1895 1887 1894 1896 1886	P. Cutler, Inc., Colchester, Conn.		Colchester: P. Cutler, Inc.....	9.48	22.81	24.00	9.85	12.00	4.48	3.50
			Colchester: P. Cutler, Inc.....	8.70	19.13	16.00	8.23	10.00	5.25	4.00
			Colchester: P. Cutler, Inc.....	12.50	11.00	10.00	2.73	6.00	3.23	2.00
			Colchester: P. Cutler, Inc.....	10.23	20.75	20.00	11.05	12.00	4.50	3.50
			Colchester: P. Cutler, Inc.....	8.23	10.25	9.00	11.25	12.00	5.33	3.00
1480	A. O. Dailey & Sons, Inc., Binghamton, N. Y.		Ansonia: Farmers Feed & Grain Co....	14.28	12.50	10.00	1.73	5.00	3.90	2.50
			Dailey's Baby Chick Grains.....							

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	
			%	%	%	%	%	%	%	%
A. O. Dailey & Sons, Inc.,—Cont.										
	Binghamton, N. Y.									
3064	Dailey's Bingo Horse Feed with Molasses.....	Ansonia: Farmers Feed & Grain Co....	12.88	10.88	9.00	6.04	10.00	3.00	3.00	3.00
3063	Dailey's 20 Dairy Ration.....	Ansonia: Farmers Feed & Grain Co....	11.50	21.63	20.00	9.63	10.00	3.65	4.00	4.00
1474	Dailey's Egg Producer Mash.....	Ansonia: Farmers Feed & Grain Co....	11.18	21.25	18.00	6.08	7.00	4.60	4.00	4.00
1478	Dailey's Egg Record Scratch.....	Ansonia: Farmers Feed & Grain Co....	14.90	10.69	10.00	3.08	5.00	2.98	2.50	2.50
1476	Dailey's Special Laying Mash.....	Ansonia: Farmers Feed & Grain Co....	10.98	18.94	20.00	5.80	7.50	5.50	5.00	5.00
1475	Dailey's Starting Mash.....	Ansonia: Farmers Feed & Grain Co....	11.78	18.63	18.00	4.45	5.50	5.18	5.00	5.00
Dairymen's League Co-op. Assoc., Inc., New York, N. Y.										
3406	Dairyalea Choice Feed Grade Dried Skim Milk.....	Danbury: C. S. Barnum & Son.....	6.80	33.88	33.00	0.85 ¹	0.50	0.50
R. G. Davis & Sons, Inc., New Haven, Conn.										
3059	Basic Dairy Ration.....	Ansonia: Ansonia Flour & Feed Co....	11.35	21.75	20.00	7.30	9.00	3.90	4.50	4.50
3385	Davis Mash with Buttermilk.....	Noroton: Davis Grain Co.....	10.63	17.88	18.50	4.60	7.00	4.40	5.00	5.00
1884	Davis Horse Feed.....	Clinton: Clinton Grain Co.....	11.70	9.75	9.00	6.98	10.00	3.60	3.00	3.00
3756	Davis Scratch Feed.....	New Haven: R. G. Davis & Sons, Inc.	11.35	10.38	10.00	2.18	5.00	2.23	2.00	2.00
1413	Davis Stock Feed.....	Milford: Milford Grain Co.....	8.40	10.69	10.00	9.55	14.00	4.70	2.00	2.00

¹ Roese-Gottlieb Method.

1677	Deep River Feed Store, Deep River, Conn. Paris Laying Mash.....	Guilford: Fred C. Morse & Son.....	10.08	18.63	18.00	4.48	6.00	5.53	4.00
	Delaware Mills, Inc., Deposit, N. Y.								
1898	Delaware All Mash Chick Starter (with Dried Skim Milk and Cod Liver Oil)	Colchester: J. Boretz.....	10.23	17.94	17.00	5.68	6.00	5.30	5.00
1899	Delaware Chick Grains.....	Colchester: J. Boretz.....	12.78	10.81	10.00	1.55	3.00	2.83	3.00
3528	Delaware 85% Horse Feed.....	Manchester: North End Feed Store..	11.60	10.94	9.00	7.00	9.00	3.13	3.00
1608	Delaware Intermediate Chick Grains.	Danbury: C. S. Barnum & Son.....	13.00	9.13	10.00	1.80	3.00	3.03	2.50
1603	Delaware Scratch Grains.....	Danbury: C. S. Barnum & Son.....	13.88	10.00	10.00	2.25	3.00	2.95	2.50
1897	Delaware Starter and Broiler Ration (with Dried Skim Milk and Cod Liver Oil).....	Colchester: J. Boretz.....	10.28	18.38	18.00	5.93	6.00	5.10	4.50
3529	Delaware Stock Feed.....	Manchester: North End Feed Store..	9.15	11.38	9.00	9.43	12.00	3.90	3.00
1605	Indian Laying Mash (with Dried Skim Milk).....	Danbury: C. S. Barnum & Son.....	10.38	19.33	18.00	6.68	8.00	5.10	4.50
1610	Indian Scratch Grains.....	Danbury: C. S. Barnum & Son.....	13.45	10.50	10.00	2.48	4.00	3.13	2.50
3404	Indian Sweet 20% Dairy Feed.....	Danbury: C. S. Barnum & Son.....	10.00	19.63	20.00	10.26	12.00	4.15	4.00
3409	Indian Sweet 24% Dairy Feed.....	Danbury: C. S. Barnum & Son.....	9.68	20.13	24.00	11.25	12.00	4.38	4.00
1606	Open Formula Laying Mash with Cod Liver Oil.....	Danbury: C. S. Barnum & Son.....	10.33	18.38	17.00	6.30	6.50	5.50	4.00
	The Dewey Bros. Co., Blanchester, Ohio								
1482	Corn 3D (Dewey's Distillers Dried) Grains.....	Seymour: Seymour Grain & Coal Co.	4.33	31.25	28.00	12.00	14.00	11.18	8.00
	Dietrich & Gambrill, Inc., Frederick, Md.								
1929	All Purpose Complete Ration Starter- Grower-Layer.....	Danielson: Young Bros. Co.....	10.13	18.38	15.00	3.43	6.00	5.23	4.50
3630	Canton Scratch Feed.....	Eastford: Wm. S. Warren.....	12.35	11.25	10.00	2.08	4.00	2.23	2.50
3640	D & G Calf Meal.....	Danielson: Young Bros. Co.....	8.93	25.00	21.00	3.95	3.50	4.95	4.00
3637	D & G Dairy Feed.....	Danielson: Young Bros. Co.....	9.45	20.88	20.00	11.90	12.00	3.63	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Protein (N x 6.25)		Fiber		Fat		Water	
			Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than		
	Dietrich & Gambrell, Inc.,—Cont. Frederick, Md.		%	%	%	%	%	%	%	%
3641	D & G Poultry Conditioning Ration..	Danielson: Young Bros. Co.....	17.13	15.00	2.83	6.00	6.55	6.00	9.35	6.00
3629	Frederick Horse Feed.....	Eastford: Wm. S. Warren.....	9.38	7.00	7.55	12.00	2.68	2.00	11.18	2.00
3639	Frederick Stock Feed.....	Danielson: Young Bros. Co.....	9.38	7.50	11.78	12.00	3.23	3.00	9.25	3.00
1930	Gambrell's Chick Grains.....	Danielson: Young Bros. Co.....	10.94	10.00	1.50	3.00	3.10	2.50	12.13	2.50
1928	Gambrell's Laying Mash.....	Danielson: Young Bros. Co.....	21.88	20.00	4.95	7.00	5.05	5.00	10.03	5.00
1927	Gambrell's Scratch Feed.....	Danielson: Young Bros. Co.....	10.88	10.00	2.05	4.00	2.68	2.50	12.43	2.50
	Duluth-Superior Milling Co., Minneapolis, Minn.									
3435	Duluth Imperial Wheat Bran with ground screenings.....	Farmington: Farmington Grain Co....	17.75	15.00	3.43	13.00	4.73	3.75	11.38	3.75
	A. C. Dunn, New York, N. Y.									
1885	Brazilian Wheat Bran with ground screenings not exceeding mill run....	Clinton: Clinton Grain Co.....	15.63	13.00	9.58	13.00	4.10	4.00	9.28	4.00
	Eastern States Farmers' Exchange, Springfield, Mass.									
1862	Eastern States All-Mash Developer...	East Hartford: Eastern States Branch	15.63	14.50	4.78	7.00	4.58	3.50	10.38	3.50

3577	Eastern States Calf Starter.....	Torrington: Eastern States Warehouse	9.10	24.50	23.00	2.95	4.00	6.10	3.50
1873	Eastern States Chick Grains.....	East Hartford: Eastern States Branch	12.45	11.00	9.50	1.25	3.00	1.95	2.00
1640	Eastern States Combination Mash...	New Milford: Paul Caldwell.....	11.03	16.50	15.00	4.85	6.50	5.55	4.00
1635	Eastern States Developer.....	New Milford: Paul Caldwell.....	9.58	20.38	18.50	5.80	6.50	5.10	4.00
3612	Eastern States Egg Mash.....	Willimantic: Eastern States Branch...	9.75	20.63	20.00	4.98	6.50	6.23	4.00
1861	Eastern States Fattener Mash.....	East Hartford: Eastern States Branch	8.98	20.56	14.50	5.73	5.00	4.43	4.00
1863	Eastern States Fattening Mash for Ducks.....	East Hartford: Eastern States Branch	10.33	16.25	14.50	2.68	5.00	4.28	4.00
3482	Eastern States Fitting Ration.....	East Hartford: Eastern States Branch	10.58	14.00	12.00	6.15	8.00	4.88	3.50
1909	Eastern States Flushing Mash.....	Norwich: A. E. Shedd.....	8.45	19.50	18.50	2.53	4.00	3.50	2.50
3493	Eastern States Fulpail Dairy Ration...	Granby: C. M. Beeman.....	10.28	21.13	20.00	6.93	8.50	4.70	4.50
1636	Eastern States Ground Corn and Oats	New Milford: Paul Caldwell.....	12.15	11.13	9.00	4.35	7.00	3.93	4.00
3578	Eastern States Highland 12.....	Torrington: Eastern States Warehouse	9.68	13.88	12.00	10.48	11.00	3.65	3.00
3483	Eastern States Highland 16.....	East Hartford: Eastern States Branch	8.88	17.63	16.00	10.40	11.00	4.15	4.00
3486	Eastern States Highland 20.....	East Hartford: Eastern States Branch	9.38	21.25	20.00	10.53	11.50	4.68	4.00
1908	Eastern States Hog Meal.....	Norwich: A. E. Shedd.....	11.38	15.25	14.50	2.90	5.00	5.65	4.00
3487	Eastern States Horse Feed.....	East Hartford: Eastern States Branch	11.38	12.50	11.00	5.58	7.50	3.83	3.00
3484	Eastern States Intermediate Scratch Grains.....	East Hartford: Eastern States Branch	10.98	11.13	9.50	1.70	3.00	2.78	2.00
1872	Eastern States Laying Mash for Ducks	East Hartford: Eastern States Branch	9.88	18.00	16.50	4.43	6.50	5.53	4.00
3485	Eastern States Milkmore Dairy Ration	East Hartford: Eastern States Branch	10.23	24.50	24.00	6.83	9.00	5.03	4.50
1637	Eastern States Producer Mash.....	New Milford: Paul Caldwell.....	10.00	18.38	17.00	5.35	6.50	6.50	4.00
1641	Eastern States Producer 20.....	New Milford: Paul Caldwell.....	10.28	20.44	20.00	5.08	6.00	6.58	4.00
3613	Eastern States Scratch Grains (with Whole Corn).....	Willimantic: Eastern States Branch...	11.73	11.00	10.50	2.95	4.00	3.08	2.50
3647	Eastern States Scratch Grains (with Coarse Cracked Corn).....	Norwich: A. E. Shedd.....	10.70	10.25	10.00	3.23	4.00	2.83	2.50
1639	Eastern States Scratch Grains 1931...	New Milford: Paul Caldwell.....	12.40	11.13	9.50	1.75	3.00	2.58	2.50
3494	Eastern States Sixteen Dairy Ration...	Granby: C. M. Beeman.....	10.40	16.88	16.00	6.05	8.00	4.90	4.00
1638	Eastern States Starting and Broiler Ration.....	New Milford: Paul Caldwell.....	9.35	19.63	18.50	4.08	5.00	5.15	4.00
3481	Eastern States Starting and Growing Mash for Ducks.....	East Hartford: Eastern States Branch	9.53	16.63	15.50	3.85	6.00	5.00	4.00
1860	Eastern States Turkey Grow.....	East Hartford: Eastern States Branch	8.80	21.88	20.00	4.00	5.00	5.58	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Found	%	Found	%	Found	%	Found
3488	Eastern States Farmers' Exchange, Springfield, Mass.— <i>Cont.</i>	East Hartford: Eastern States Branch	8.38	25.25	24.00	3.98	5.00	6.23	4.50	
3693	Eastern States Turkey Start.....	East Hartford: Eastern States Branch	8.18	33.88	32.00	7.00	8.00	5.08	4.50	
3376	Egg-O Milk Co., Baltimore, Md.	Norwalk: Libner Grain Co.....	10.23	32.25	32.00	2.75	4.00	2.05	2.00	
1688	Elmore Milling Co., Inc., Oneonta, N. Y.	Groton: C. W. Campbell Co.....	9.28	18.38	16.50	5.18	8.00	6.08	4.00	
1921	Elmore Chixsaver.....	Danielson: United Farmers' Co-op....	9.90	20.81	17.00	6.15	5.00	5.50	4.00	
1879	Elmore Complete Broiler Ration.....	Hazardville: A. D. Bridge's Sons.....	10.33	20.13	20.00	5.08	8.00	5.63	4.00	
1878	Elmore Egg Mash.....	Hazardville: A. D. Bridge's Sons.....	10.50	19.13	17.00	5.58	8.00	4.60	4.00	
3428	Elmore Growing Mash.....	Plainville: W. S. Eaton.....	11.90	10.88	9.00	4.78	11.00	2.93	2.50	
1925	Elmore Horse Feed with Molasses.....	Danielson: United Farmers' Co-op....	12.20	11.25	10.00	1.95	3.00	2.50	3.00	
1880	Elmore Intermediate Chick Feed.....	Hazardville: A. D. Bridge's Sons.....	9.88	18.25	17.00	6.65	7.00	5.28	5.00	
3682	Elmore M. A. C. Laying Mash.....	Bristol: Bristol Grain & Supply Co....	8.43	24.06	20.00	7.28	10.00	4.63	4.50	
3427	Elmore Milk Grains Junior.....	Plainville: W. S. Eaton.....	9.90	22.75	20.00	7.58	10.00	4.48	4.50	
3644	Elmore Scratch Feed.....	Danielson: United Farmers' Co-op....	12.20	11.88	10.00	2.53	7.00	2.70	2.50	
3506	Elmore Stock Feed.....	Hazardville: A. D. Bridge's Sons.....	9.53	11.44	10.00	9.63	12.00	4.48	3.00	

3429	Elmore Turkey Growing Mash	Plainville: W. S. Eaton	9.55	20.69	20.00	6.95	8.00	5.58	3.50
1881	Emco Scratch Feed	Hazardville: A. D. Bridge's Sons	11.45	12.69	10.00	3.15	7.00	2.85	2.50
3425	Granger 20% Dairy Ration	Plainville: W. S. Eaton	9.58	22.06	20.00	9.43	11.00	4.15	4.00
3643	Waldorf 20% Dairy Ration	Danielson: United Farmers' Co-op	9.73	19.00	20.00	10.65	11.00	4.83	4.00
John W. Eshelman & Sons, Lancaster, Pa.									
3453	Eshelman Certified 20% Dairy Ration	Thomaston: Thomaston Supply Co.	9.03	22.63	20.00	7.48	8.00	4.25	4.00
3808	Eshelman Challenge Dairy Feed	Bethel: Morrison & Dunham	9.45	25.19	24.00	8.70	11.00	5.18	4.00
3112	Eshelman Conestoga 20 Dairy	Wallingford: A. E. Hall	9.85	22.06	20.00	10.03	11.00	4.88	4.00
1576	Eshelman Garden Spot Horse Feed	So. Norwalk: Roodner Feed Co.	10.83	9.19	7.00	10.73	11.00	3.30	2.00
3417	Eshelman Lancaster 20 Dairy Feed	Bethel: Morrison & Dunham	9.98	21.88	20.00	7.98	11.00	4.58	4.00
1583	Eshelman Lancaster 60 Horse Feed	Bethel: Morrison & Dunham	12.58	9.75	9.00	8.88	11.00	3.28	2.50
1585	Eshelman Lancaster Scratch Grains	Bethel: Morrison & Dunham	12.53	10.19	9.00	2.48	4.00	3.10	2.50
3448	Eshelman Liberty Horse Feed	Southport: C. Buckingham & Co.	11.30	9.06	6.00	11.45	16.00	2.48	1.50
3758	Eshelman Open Formula 20 Dairy Feed	New Haven: Moran-Patton Co.	9.05	20.94	20.00	7.33	9.00	4.65	4.00
3394	Eshelman Pennsy 16 Dairy Feed	Cos Cob: Belmont Feed Co.	11.05	17.06	16.00	9.38	11.00	4.20	3.00
3393	Eshelman Pennsy Laying Mash	Cos Cob: Belmont Feed Co.	10.25	19.00	18.00	6.88	8.50	4.30	5.00
1854	Eshelman Red Rose All Mash Starter	Simsbury: H. B. Bunnell & Co.	7.98	18.06	16.00	4.58	6.50	4.88	4.00
1581	Eshelman Red Rose Chick Grains	Bethel: Morrison & Dunham	12.18	11.63	10.00	1.68	3.00	3.45	3.00
1580	Eshelman Red Rose Chick Starter	Bethel: Morrison & Dunham	7.50	18.00	16.50	4.68	6.00	5.13	4.00
3113	Eshelman Red Rose 24 Dairy Feed	Wallingford: A. E. Hall	9.98	24.63	24.00	8.55	11.00	4.38	4.00
3395	Eshelman Red Rose Duck Mash	Cos Cob: Belmont Feed Co.	10.83	20.81	19.00	5.78	7.00	4.85	4.00
3763	Eshelman Red Rose Fattening Mash	Cos Cob: A. R. Belmont	8.25	18.25	14.00	4.80	5.00	5.50	4.50
1855	Eshelman Red Rose Growing Mash with Cod Liver Oil	Simsbury: H. B. Bunnell & Co.	9.30	19.63	16.00	5.55	7.00	4.85	4.00
3455	Eshelman Red Rose 85 Horse Feed	Thomaston: Thomaston Supply Co.	10.90	11.13	9.00	6.83	10.00	4.05	3.00
3807	Eshelman Red Rose Laying Mash	Bethel: Morrison & Dunham	9.38	22.06	20.00	6.68	7.00	5.73	5.00
1584	Eshelman Red Rose Laying Mash with Cod Liver Oil	Bethel: Morrison & Dunham	9.58	22.31	20.00	5.88	7.00	5.38	5.00
1582	Eshelman Red Rose Scratch Grains	Bethel: Morrison & Dunham	12.23	10.88	10.00	2.43	4.00	3.35	2.50
3392	Eshelman Red Rose Stock Feed	Cos Cob: Belmont Feed Co.	10.18	12.50	9.00	9.75	11.00	3.03	3.00
3454	Eshelman S-O-S	Thomaston: Thomaston Supply Co.	9.88	14.25	11.00	14.38	15.00	2.68	2.00
3134	Eshelman Steam Cooked Horse Feed	New Britain: Wm. Cohen, Inc.	10.05	10.19	9.00	4.45	6.00	4.18	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	
1644	Evans Milling Co., Indianapolis, Ind. Emco Hominy Feed.....	New Milford: Soule Grain Co.....	% 9.35	% 11.25	% 10.00	% 5.30	% 6.00	% 6.65	% 6.00	
1573	Farmers Feed Co., New York, N. Y. "Bull Brand" Dried Brewers Grains....	So. Norwalk: Roodner Feed Co.....	6.30	26.38	26.00	13.73	17.00	6.95	6.00	
1417	Farmers Flour & Grain Co., Stratford, Conn. Superior Dairy Feed with Molasses and Minerals.....	Stratford: Farmers Flour & Grain Co..	10.25	22.69	20.00	7.45	8.00	4.53	4.00	
1416	Superior Laying Mash.....	Stratford: Farmers Flour & Grain Co..	11.48	21.00	19.00	6.38	7.00	5.33	4.00	
3153	Fernando Valley Milling & Supply Co., Los Angeles, Calif. Fernando Alfalfa Meal Fine Ground...	Wallingford: Laden Bros. Co., Inc....	8.08	16.50	16.00	25.60	26.00	2.48	2.00	
1559	Fernando Ideal Greens Alfalfa Leaf Meal.....	Norwalk: Libner Grain Co., Inc.....	8.48	18.75	20.00	20.45	18.00	2.90	2.50	
3534	First National Stores, Inc., Somerville, Mass. Henfield Egg Mash.....	Burnside: First National Stores, Inc..	9.13	21.19	20.00	6.75	7.00	6.15	4.50	
3533	Henfield Scratch Grains.....	Burnside: First National Stores, Inc..	12.03	11.88	10.00	2.83	5.00	3.55	2.50	

1792	Flag Fish Co., Inc., New York, N. Y.	Torrington: Torrington Grain Co.....	11.30	60.75	60.00	9.33	3.00
1935	J. B. Garland & Son, Worcester, Mass.	No. Grosvenordale: Thompson Grain Co.....	8.98	19.50	18.00	7.00	4.48	4.00
1936	Garland's Economy Egg Mash.....	No. Grosvenordale: Thompson Grain Co.....	12.65	11.63	10.00	2.50	2.68	2.50
1934	Garland's Economy Scratch Feed....	No. Grosvenordale: Thompson Grain Co.....	9.20	17.63	14.00	5.48	5.25	4.00
1933	Garland's Growing Mash.....	No. Grosvenordale: Thompson Grain Co.....	10.28	21.81	20.00	5.20	4.38	4.00
3632	Royal Worcester Complete Ration...	No. Grosvenordale: Thompson Grain Co.....	10.48	20.00	20.00	8.55	3.83	3.00
3496	General Mills, Inc., Minneapolis, Minn.	Sutfield: Spencer Bros.....	10.35	18.13	15.00	4.43	4.45	3.50
3388	Washburn's Gold Medal Fancy Wheat Mixed Feed.....	Noroton: Davis Grain Co.....	12.00	16.25	14.00	9.40	5.00	4.00
3452	Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings.....	Bristol: C. A. Cowles, Inc.....	10.10	17.63	15.00	6.40	4.73	4.00
3372	Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog.....	So. Norwalk: Roodner Feed Co.....	11.18	18.19	16.00	2.30	4.38	3.50
1835	Geneva Milling Co., Inc., Geneva, N. Y.	Canaan: Community Service, Inc.....	11.13	17.63	16.00	2.88	4.25	4.00
1477	Genesota Hard Wheat Flour Middlings	Ansonia: Farmers Feed & Grain Co....	11.60	18.19	15.00	8.28	5.08	4.00
1840	D. H. Grandin Milling Co., Jamestown, N. Y.	Sharon: F. A. Wike & Co.....	11.93	11.75	10.00	2.85	2.95	2.50
	Economy Scratch Grams.....							

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Found	%	Guaranteed not less than	Found	%	Guaranteed not more than	Found
	D. H. Grandin Milling Co.,—Cont. Jamestown, N. Y.									
1838	Grandin's Baby Chick Feed.....	Sharon: F. A. Wike & Co.....	12.03	11.38	10.00		1.38	5.00	2.20	2.50
3525	Grandin's Intermediate Chick Feed...	Manchester: O. E. Bailey.....	10.73	11.94	10.00		1.70	5.00	3.45	2.50
1836	Grandin's Laying Mash (contains Concentrated Cod Liver Oil).....	Sharon: F. A. Wike & Co.....	8.93	20.50	20.00		6.83	8.00	4.85	4.00
1843	Grandin's Milk Maker.....	Sharon: F. A. Wike & Co.....	8.75	21.81	20.00		8.18	12.00	4.73	5.00
1839	Grandin's Screened Scratch Feed.....	Sharon: F. A. Wike & Co.....	12.08	10.38	10.00		3.05	5.00	2.68	2.50
1837	Grandin's Start-To-Finish Mash.....	Sharon: F. A. Wike & Co.....	9.63	18.38	16.00		6.53	7.00	5.03	4.00
1842	Grandin's Stock Food.....	Sharon: F. A. Wike & Co.....	8.50	10.19	8.50		11.58	12.00	4.68	4.00
3527	Grandin's Sweetened 20% Dairy Feed	Manchester: O. E. Bailey.....	10.48	21.25	20.00		6.73	10.00	4.23	4.00
1844	Grandin's Sweetened 24% Dairy.....	Sharon: F. A. Wike & Co.....	10.68	24.00	24.00		6.43	10.00	4.10	4.00
3526	Grandin's Sweetened Horse Feed.....	Manchester: O. E. Bailey.....	10.35	10.81	9.50		5.60	11.00	3.78	3.50
	Grand Union Stores, Inc., New York, N. Y.									
3398	Peerless Laying Mash.....	Springdale: Grand Union Stores, Inc..	10.38	20.19	20.00		7.33	8.00	4.03	4.00
3397	Peerless Scratch Grains.....	Glenbrook: Grand Union Stores, Inc..	11.93	12.25	10.00		3.18	5.00	2.50	2.50
	Great Atlantic & Pacific Tea Co., Minneapolis, Minn.									
1577	Daily Egg Laying Mash Feed.....	Bethel: Great A. & P. Tea Co.....	10.15	21.81	20.00		5.73	6.50	4.35	4.00

3383	Daily Egg Scratch Feed.....	Noroton: Great A. & P. Tea Co.....	12.93	11.00	10.00	2.43	5.00	2.53	2.50
3531	Daily Growth Calf Meal.....	So. Manchester: Great A. & P. Tea Co.	9.85	26.94	25.00	3.95	5.00	4.33	4.09
1578	Daily Growth Chick Starter.....	Bethel: Great A. & P. Tea Co.....	10.38	17.63	16.00	4.90	5.00	4.98	4.00
3530	Daily Growth Developing Feed.....	So. Manchester: Great A. & P. Tea Co.	10.70	11.50	10.00	1.58	4.00	3.45	2.59
1579	Daily Growth Fine Chick Feed.....	Bethel: Great A. & P. Tea Co.....	12.53	11.13	10.00	1.50	5.00	1.90	3.09
3384	Daily Growth Growing Mash.....	Noroton: Great A. & P. Tea Co.....	10.80	18.94	17.50	6.58	6.50	5.10	4.09
3532	Daily Growth Turkey Starter.....	So. Manchester: Great A. & P. Tea Co.	9.15	24.13	26.00	6.78	7.00	4.38	4.25
3416	Daily Horse Feed.....	Bethel: Great A. & P. Tea Co.....	11.78	11.25	9.50	7.35	10.00	3.55	3.09
3413	Daily Milk Dairy Feed.....	Bethel: Great A. & P. Tea Co.....	11.13	19.81	16.00	8.93	12.00	3.68	3.50
3414	Milky Way Dairy Feed 20%.....	Bethel: Great A. & P. Tea Co.....	11.13	24.38	20.00	8.13	9.00	3.58	3.50
3415	Milky Way Dairy Feed 24%.....	Bethel: Great A. & P. Tea Co.....	11.15	25.50	24.00	4.28	9.00	2.95	3.50
3876	Greenport Feed Corp., Brooklyn, N. Y. Greenport Dairy Feed with Molasses.	Danbury: Lyman Keeler.....	10.05	15.38	18.00	5.13	11.00	3.60	4.50
1529	Hales & Hunter Co., Chicago, Ill. Red Comb Broiler Mash with Dried Buttermilk.....	Bristol: C. A. Cowles, Inc.....	10.68	19.63	18.00	4.73	7.00	5.28	4.00
3873	Red Comb Egg Mash with Dried Buttermilk.....	Plantsville: C. A. Cowles, Inc.....	8.90	19.75	18.00	5.95	7.00	5.30	4.00
1530	Red Comb Growing Mash with Dried Buttermilk.....	Bristol: C. A. Cowles, Inc.....	9.95	18.75	16.00	5.55	7.00	5.60	4.00
3418	Red Comb Scratch Feed, No Grit (Pellets).....	Mt. Carmel: Mt. Carmel Grain Co....	11.33	11.63	10.00	4.70	5.00	3.25	2.50
3348	Frank B. Ham & Co., Ltd., Toronto, Canada "Hamco" Brand Wheat Bran.....	Stepney: Stepney Big Y Feed Store... Middlefield: Middlefield Center Grain Co.....	12.58	16.63	15.00	9.80	11.50	5.33	3.50
3024	"Hamco" Brand Wheat Shorts.....		12.43	16.00	16.00	7.10	8.00	5.20	5.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Found	%	Guaranteed not less than	Found	%	Guaranteed not more than	Found
3371	Dwight Hamlin Co., Pittsburgh, Pa. Hamlin's Dried Brewers Grains.....	• So. Norwalk: Roodner Feed Co.....	8.80	26.31	24.00		14.13	18.00		6.00
1613	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y.									
3060	Choice Wheat Bran.....		10.58	18.63	13.50		9.70	14.00		3.50
3766	Wheat Red Dog.....		11.68	18.38	15.00		2.03	4.75		3.85
	Wheat Standard Middlings.....		9.13	19.38	15.00		6.73	9.50		4.75
1355	The Hubinger Co., Keokuk, Iowa Ke Ok Uk Corn Gluten Feed.....	Mt. Carmel: Hamden Grain Co.....	10.58	26.00	25.00		7.25	8.50		2.00
3539	Humphreys-Godwin Co., Memphis, Tenn. Dixie Brand 41% Protein Prime Cot- tonseed Meal.....	Southbury: Southbury Grain Co.....	8.20	41.00	41.00		9.05	12.00		5.00
3575	Illinois Cereal Mills, Inc., Paris, Ill. White Hominy Feed.....	Torrington: Litchfield County Co-op..	10.85	10.88	10.00		4.08	5.00		6.00

3460	Imperial Grain & Milling Co., Toledo, Ohio Imperial Steam Cooked Feed.....	Branford: S. V. Osborn Est.....	8.88	10.75	9.50	4.63	4.60	4.55	4.00
3135	International Milling Co., Minneapolis, Minn. Blackhawk Pure Wheat Bran.....	North Haven: Economy Feed Service.....	11.75	16.75	15.00	3.88	12.00	4.88	3.20
3341	Blackhawk Wheat Red Dog.....	Stratford: Farmers Flour & Grain Co.....	11.23	13.00	16.00	2.90	4.00	3.93	3.50
3154	Blackhawk Wheat Standard Middlings with Ground Screenings.....	Wallingford: Laden Bros. Co., Inc.....	11.20	19.00	16.00	7.73	8.50	5.83	4.50
2988	Kellogg Co. of Canada, Ltd., London, Ontario, Canada O-Corn-O Hominy.....	Montowese: Economy Feed Service.....	9.68	10.25	10.00	4.00	4.00	3.43	7.00
3023	Kellogg Sales Co., Battle Creek, Mich. White Hominy Feed.....	Middlefield: Terrill & Burnham.....	11.10	10.94	10.00	3.88	5.00	7.08	6.00
1560	Kelloggs & Miller, Inc., Amsterdam, N. Y. K & M Brand 34% Protein Old Pro- cess Linseed Meal.....	Norwalk: Libner Grain Co., Inc.....	9.08	33.25	34.00	6.68	10.00	5.63	5.00
1723	Spencer Kellogg & Sons, Inc., Buffalo, N. Y. Kellogg's 37% Protein Old Process Linseed Meal.....	West Cheshire: Cheshire Grain & Coal Co.....	9.48	40.63	37.00	5.73	9.00	5.08	4.50
3108	Keystone Dairy Co., New York, N. Y. Skim Milk Powder.....	Wallingford: A. B. Hall.....	7.35	33.50	32.00	0.75 ¹	0.75
1803	Chas. A. Krause Milling Co., Milwaukee, Wis. Badger White Hominy Feed.....	Canaan: Community Service, Inc.....	9.78	11.06	10.00	4.63	5.00	6.70	6.00

¹ Roese-Gottlieb Method.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		Guaranteed not less than
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	%	
	H. P. Kysor Feed & Grain Co., New Haven, Conn.		%	%	%	%	%	%	%	%
1394	Kysor's A-1 Chick Starter Ration.....	Plainville: State Farmers' Co-op.....	9.98	17.50	17.50	4.35	6.00	5.73	4.00	4.00
3173	Kysor's A-1 20% Dairy Ration.....	Plainville: State Farmer's Co-op.....	11.43	22.00	20.00	6.35	8.00	4.05	4.00	4.00
3174	Kysor's A-1 24% Dairy Ration.....	Plainville: State Farmers' Co-op.....	10.55	24.13	24.00	6.50	8.00	4.43	4.00	4.00
1391	Kysor's A-1 Growing Mash with Cod Liver Oil.....	Plainville: State Farmers' Co-op.....	9.78	19.25	17.50	4.90	6.50	6.10	4.00	4.00
3043	Kysor's A-1 Horse Feed.....	Shelton: Shelton Grain Co.....	12.28	11.00	10.00	5.08	8.00	3.13	4.00	4.00
1393	Kysor's A-1 Laying Mash with Cod Liver Oil.....	Plainville: State Farmers' Co-op.....	10.23	20.25	19.50	5.00	7.00	4.95	4.00	4.00
1403	Kysor's A-1 Scratch Feed.....	Plainville: State Farmers' Co-op.....	11.40	11.44	10.00	2.33	5.00	2.73	2.50	2.50
	The Laden Bros. Co., Inc., Wallingford, Conn.									
1502	Laden's Baby Chick Starter.....	Wallingford: Laden Bros. Co., Inc.....	10.58	19.63	17.50	4.25	5.00	5.28	5.00	5.00
1506	Laden's Dairy 20%.....	Wallingford: Laden Bros. Co., Inc.....	10.63	21.38	20.00	10.15	9.00	4.50	4.50	4.50
1503	Laden's Growing Mash.....	Wallingford: Laden Bros. Co., Inc.....	11.00	18.25	17.00	4.85	5.00	5.93	5.50	5.50
1504	Laden's Laying Mash.....	Wallingford: Laden Bros. Co., Inc.....	11.35	19.38	20.00	5.68	5.00	5.55	5.50	5.50
1857	Laden's Starter & Broiler Mash.....	Wallingford: Laden Bros. Co., Inc.....	10.98	19.50	17.00	5.30	5.00	5.65	4.50	4.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Found	Guaranteed not less than	Found	%	Guaranteed not more than	Found	Guaranteed not less than
	Libner Grain Co., Inc.,—Cont. Norwalk, Conn.									
1555	Libner's Blue Ribbon Growing Mash with Cod Liver Oil.....	Norwalk: Libner Grain Co., Inc.....	9.85	21.88	18.00	5.83	6.00	5.48	4.00	
1561	Libner's Blue Ribbon Horse and Calf Ration.....	Norwalk: Libner Grain Co., Inc.....	12.58	11.06	10.50	6.60	7.00	3.73	3.50	
1554	Libner's Blue Ribbon Milk Egg Mash with Cod Liver Oil.....	Norwalk: Libner Grain Co., Inc.....	9.60	18.94	17.00	6.15	6.50	5.50	3.00	
1557	Libner's Blue Ribbon Scratch Feed . .	Norwalk: Libner Grain Co., Inc.....	13.10	11.00	10.00	2.53	5.00	2.90	2.00	
3378	20% Libner's Blue Ribbon Dairy . . .	Norwalk: Libner Grain Co., Inc.....	11.55	20.19	20.00	7.25	9.00	3.95	4.00	
3379	24% Libner's Blue Ribbon Dairy . . .	Norwalk: Libner Grain Co., Inc.....	11.23	23.63	24.00	7.13	9.00	4.50	4.50	
3382	12% Libner's Blue Ribbon Fitting Ration.....	Norwalk: Libner Grain Co., Inc.....	11.70	14.81	12.00	6.88	9.00	4.18	4.00	
3381	20% Milkflow Dairy Ration.....	Norwalk: Libner Grain Co., Inc.....	11.78	21.06	20.00	7.05	12.00	3.73	3.00	
	The C. W. Lines Co., New Britain, Conn.									
1519	Homestead Dry Mash.....	New Britain: C. W. Lines Co.....	9.93	20.44	18.00	6.00	7.00	4.78	4.00	
3128	Homestead Scratch.....	New Britain: C. W. Lines Co.....	11.85	11.13	9.00	2.05	5.00	2.58	2.50	
3127	Mill Pride Dairy Ration.....	New Britain: C. W. Lines Co.....	10.60	24.00	24.00	7.75	10.00	4.55	4.00	
1520	Mill Pride Fancy Scratch.....	New Britain: C. W. Lines Co.....	12.53	11.06	9.00	2.68	4.00	2.85	2.00	
1521	Mill Pride Milk Mash.....	New Britain: C. W. Lines Co.....	9.30	19.81	18.00	6.28	7.50	4.98	4.50	

1569	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Dairy Ration.....	Torrington: Litchfield County Co-op. Assoc.....	9.28	20.69	20.00	8.15	9.00	5.40	4.50
1568	Common Sense Laying Mash.....	Torrington: Litchfield County Co-op. Assoc.....	10.05	18.31	18.00	5.55	7.00	4.30	4.00
1570	Common Sense Scratch Feed.....	Torrington: Litchfield County Co-op. Assoc.....	12.60	11.50	9.00	2.63	4.00	2.70	2.50
1567	Common Sense Starting and Growing Mash.....	Torrington: Litchfield County Co-op. Assoc.....	10.05	18.75	17.00	4.93	7.00	3.83	4.00
1548	Long Hill Feed Store, Long Hill, Conn. Square Deal Dairy Ration.....	Long Hill: Long Hill Feed Store.....	8.83	22.00	20.00	9.33	10.00	5.35	4.50
1545	Square Deal Laying Mash with Buttermilk.....	Long Hill: Long Hill Feed Store.....	8.60	19.75	20.00	3.08	7.00	5.75	5.00
1788	L. B. Lovitt & Co., Memphis, Tenn. "Lovitt Brand" 41% Protein Cotton- seed Meal.....	Thomaston: Thomaston Supply Co....	6.48	42.63	41.00	10.69	13.00	5.10	5.00
3110	A. S. MacDonald Commission Co., Boston, Mass. Parrheim Pure Wheat Bran.....	Wallingford: A. E. Hall.....	12.85	15.63	15.00	9.85	11.50	5.23	3.50
3109	Parrheim Pure Wheat Shorts.....	Wallingford: A. E. Hall.....	12.05	17.63	16.00	7.73	8.00	5.90	5.00
1920	Maine Fish Meal Co., Portland, Me. Maine Vitamin D Fish Meal.....	Brooklyn: A. D. Pierce.....	10.55	53.83	55.00	0.38	1.00	16.75	12.00
1852	F. Manchester & Sons, Winsted, Conn. Huntington Red Star Egg Mash.....	Winsted: E. Manchester & Sons.....	8.38	16.69	13.00	5.98	6.00	5.38	4.00
1851	Red Star Mash.....	Winsted: E. Manchester & Sons.....	9.00	20.31	18.00	6.25	8.00	4.75	4.00
1853	Red Star Scratch.....	Winsted: E. Manchester & Sons.....	12.88	10.75	9.00	3.03	6.00	2.78	2.00
3585	Red Star Special Dairy Feed.....	Winsted: E. Manchester & Sons.....	9.75	20.50	20.00	8.05	10.00	4.93	4.00
3584	Red Star Sweet Sixteen.....	Winsted: E. Manchester & Sons.....	9.95	19.56	16.00	7.08	10.00	5.43	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	Found	Guaranteed not less than
			%	%	%	%	%	%	%	%
1536	Maritime Milling Co., Inc.,	Meriden: Meriden Grain & Coal Co...	12.80	11.00	10.00	1.48	4.00	2.78	2.00	
3535	Buffalo, N. Y.	Meriden: Meriden Grain & Coal Co...	8.85	19.94	20.00	7.90	9.00	5.43	3.50	
1450	B-B Daisy Chick Feed	Meriden: Meriden Grain & Coal Co...	13.38	10.75	9.00	3.03	5.00	3.00	2.50	
3157	B-B Daisy Egg Mash Vitaminized with	Bridgeport: H. C. Ferris	10.75	21.75	20.00	10.93	12.00	4.43	4.00	
1535	Cod Liver Oil and Dried Buttermilk	East Wallingford: G. W. Ives								
	B-B Hi-Test Dairy Feed 20% Sweetened									
	Bull Brand All Mash Starter and Grow-									
	ing Ration Vitaminized with Cod Liver									
	Oil, Milk Sugar Feed, and Dried									
	Buttermilk									
1534	Bull Brand Developing Feed	Meriden: Meriden Grain & Coal Co...	10.28	20.63	17.00	5.73	7.00	4.38	4.00	
3158	Bull Brand Growing Mash Vitaminized	Meriden: Meriden Grain & Coal Co...	12.35	11.88	10.00	2.20	5.00	2.95	2.00	
	with Cod Liver Oil, Milk Sugar Feed									
	and Dried Buttermilk									
3155	Bull Brand Horse Feed with Alfalfa	East Wallingford: G. W. Ives	9.93	19.25	16.00	7.03	7.00	5.23	4.50	
	and Molasses									
1532	Bull Brand Laying Mash Vitaminized	Wallingford: Laden Bros. Co., Inc...	11.75	11.00	8.00	6.70	10.00	3.60	2.00	
	with Cod Liver Oil, Milk Sugar Feed									
	and Dried Buttermilk									
1642	Farmers B-B Mixing Feed, Sweetened	Meriden: Meriden Grain & Coal Co...	10.75	22.56	20.00	5.95	7.00	4.30	4.50	
3638	Sweetened Bull Brand "20" Dairy	New Milford: W. L. Richmond & Son	10.25	31.88	32.00	7.25	10.00	4.93	5.00	
	Ration	Meriden: Meriden Grain & Coal Co...	10.03	23.88	20.00	9.03	11.00	3.73	4.00	

3649	Maurer Mfg. Co., Newark, N. J.	Lebanon: Berkman Grain Co.....	7.28	54.19	55.00	2.55	3.00	10.30	6.00
3691	Standard Meat-Bone Scrap.....	Plantville: C. A. Cowles, Inc.....	5.73	46.38	45.00	2.80	3.00	11.18	6.00
3537	Meech & Stoddard, Inc., Middletown, Conn.	Meriden: Meriden Grain & Coal Co...	10.10	21.88	20.00	8.63	9.00	3.80	4.50
3536	Red Wing 20% Dairy Ration.....	Meriden: Meriden Grain & Coal Co...	11.53	11.50	9.00	8.13	10.00	3.60	3.00
1533	Red Wing Horse Feed with Molasses...	Meriden: Meriden Grain & Coal Co...	10.30	17.25	15.00	6.05	5.00	5.55	4.00
3477	Red Wing Laying Mash with Butter- milk.....	Middletown: Meech & Stoddard, Inc.	9.73	22.88	24.00	9.00	9.00	4.50	4.50
3477	Red Wing Special Dairy Ration.....	Middletown: Meech & Stoddard, Inc.	11.40	12.50	9.00	2.93	3.00	3.70	2.50
3695	Red Wing Special Intermediate Chick Feed.....	Middletown: Meech & Stoddard, Inc.	12.15	10.25	9.00	2.33	3.00	2.90	2.50
3696	Red Wing Special Scratch Feed.....	Middletown: Meech & Stoddard, Inc.	9.05	10.00	9.00	8.48	12.00	5.80	3.00
3469	Red Wing Stock Feed.....								
3156	Miner-Hillard Milling Co., Wilkes-Barre, Pa.	Wallingford: Laden Bros. Co., Inc....	11.15	10.88	10.00	4.35	5.00	6.15	5.00
3671	Geo. Q. Moon & Co., Inc., Binghamton, N. Y.	Higganum: Felix A. Petrofsky.....	8.78	18.38	15.00	4.30	5.00	4.15	4.00
3604	Moon's Baby Chick Starter Mash.....	Stafford Springs: Stafford Granary...	10.58	19.31	20.00	12.65	11.00	4.15	4.50
3669	Moon's 20% Dairy Feed with Molasses	Higganum: Felix A. Petrofsky.....	7.60	26.63	24.00	8.98	10.00	5.40	5.00
1508	Moon's 24% Dairy Ration.....	Meriden: Reliable Feed Store.....	10.25	18.06	14.00	4.30	7.50	5.28	2.85
1509	Moon's Fresh Ground Wheat Middlings	Meriden: Reliable Feed Store.....	7.05	10.69	10.00	5.03	6.00	8.75	5.00
1799	Moon's Hominy Feed.....								
1799	Moon's Laying Mash with Dried Buttermilk.....	Norfolk: August Curtiss.....	9.50	19.88	20.00	5.58	9.00	4.45	4.00
3668	Moon's 90 Molasses Horse Feed.....	Higganum: Felix A. Petrofsky.....	10.33	11.50	9.00	5.43	10.00	3.20	3.00
1800	Moon's Scratch Feed.....	Norfolk: August Curtiss.....	13.45	10.75	10.00	2.80	5.00	2.83	2.00
3605	Moon's Stock Feed.....	Stafford Springs: Stafford Granary...	9.68	10.69	9.00	10.93	12.00	5.20	3.00
1507	Moon's Wheat Bran.....	Meriden: Reliable Feed Store.....	11.00	14.00	15.00	7.63	10.00	3.98	3.00
1510	Special A Dairy 20% Ration.....	Meriden: Reliable Feed Store.....	11.43	23.38	20.00	6.68	10.00	4.25	4.00

3377	Mt. Vernon Milling Co., Mt. Vernon, Ind. Poco Hominy Feed.....	Waterbury: H. S. Coe & Co.....	8.40	11.25	10.00	5.38	6.00	7.58	7.00
3767	Mutual Rendering Co., Inc., Philadelphia, Pa. 65% Murexo Meat Scrap.....	Norwalk: Libner Grain Co., Inc.....	7.45	62.13	65.00	2.80	2.00	9.38	6.00
3449	New England Grain Dealers Co-op. Assoc., Inc., Springfield, Mass. New England Quality All Mash Laying Ration with Cod Liver Oil.....	Bristol: Bristol Grain & Supply Co.....	8.85	18.56	15.00	6.08	7.00	4.03	4.00
3521	New England Quality Complete Chick Starter Ration with Cod Liver Oil..	Rockville: Rockville Grain & Coal Co.	9.03	20.75	20.00	4.73	6.00	4.95	4.00
3681	New England Quality 20 Dairy Ration	Bristol: Bristol Grain & Supply Co.....	9.40	21.88	20.00	8.45	11.00	3.38	4.00
3520	New England Quality Developing Feed	Rockville: Rockville Grain & Coal Co.	10.83	12.13	10.00	2.45	5.00	3.68	2.00
3451	New England Quality Growing Mash with Cod Liver Oil.....	Bristol: Bristol Grain & Supply Co.....	9.08	19.50	16.00	7.33	7.00	5.08	4.50
3441	New England Quality Horse Feed with Alfalfa and Molasses.....	Bristol: Bristol Grain & Supply Co.....	10.33	10.94	8.00	7.65	10.00	3.63	2.00
3440	New England Quality Laying Mash with Cod Liver Oil.....	Bristol: Bristol Grain & Supply Co.....	8.70	21.13	20.00	6.08	7.00	4.95	4.50
3519	New England Quality Scratch Feed..	Rockville: Rockville Grain & Coal Co.	11.28	12.00	10.00	2.95	4.00	2.73	2.50
3591	New England Yankee 16 Dairy Ration	New Milford: W. L. Richmond & Son	10.70	17.38	16.00	11.38	12.00	3.70	4.00
3439	New England Yankee 20 Dairy Ration	Bristol: Bristol Grain & Supply Co.....	9.18	22.06	20.00	11.40	12.00	4.58	4.00
3645	New England Yankee 24 Dairy Ration	Danielson: Kennedy Corp.....	9.53	24.00	24.00	9.83	12.00	4.63	4.00
3118	New England Yankee Egg Mash with Cod Liver Oil.....	Kensington: A. S. Labieniec.....	9.38	21.13	20.00	8.00	9.00	5.93	3.50
3680	New England Yankee Scratch Feed...	Bristol: Bristol Grain & Supply Co.....	11.23	10.56	9.00	2.18	5.00	2.70	2.50
1414	Niagara Falls Milling Co., Lockport, N. Y. Choice Wheat Red Dog.....	Milford: Milford Grain Co.....	12.00	17.25	14.00	2.68	4.00	3.13	4.00
1356	Niagara Choice Wheat Bran.....	Mt. Carmel: Hamden Grain Co.....	13.00	16.19	14.50	9.33	11.00	5.00	4.00
1357	Niagara Standard Wheat Middlings...	Mt. Carmel: Hamden Grain Co.....	11.93	17.56	14.50	6.80	7.00	4.90	4.50

3037	Bidwell Growing Feed.....	Middletown: P. Levson & Son.....	10.35	16.06	15.00	7.30	7.00	4.48	3.00
1793	Bidwell Scratch Feed.....	Torrington: Torrington Grain Co.....	11.93	11.44	10.00	2.83	5.00	3.03	1.50
1906	Broiler Finishing Mash.....	Lebanon: Berkman Grain Co.....	10.58	16.50	15.00	4.93	5.00	5.23	4.00
3753	Bulky Sweet Dairy Feed.....	New London: New London Grain Co.	10.50	14.00	11.00	12.03	12.00	3.10	3.00
1722	Claco Dairy Ration.....	West Cheshire: Cheshire Grain & Coal Co.....	10.48	21.33	20.00	7.98	9.00	4.05	4.50
3580	Doublex 16% Dairy Ration.....	East Winsted: Leonard Grain Co.....	9.55	17.63	16.00	13.05	11.00	3.28	3.50
3617	Doublex 20% Dairy Ration.....	Willimantic: W. D. Grant.....	10.48	20.88	20.00	10.68	11.00	3.98	3.50
3621	Doublex 24% Dairy Ration.....	Willimantic: W. D. Grant.....	10.33	24.06	24.00	10.45	11.00	3.10	3.50
3480	Go-To-It Pig and Hog Ration.....	Glastonbury: S. Melzen.....	9.85	18.13	15.00	6.78	8.00	4.83	3.50
1664	Growing Feed.....	Woodbury: C. L. Adams & Co.....	9.90	19.81	14.00	6.13	7.00	4.00	3.00
1633	Holcomb's Milk Egg Mash with Cod Liver Oil.....	Newtown: R. H. Holcomb & Co.....	10.20	18.38	17.00	6.30	6.50	5.20	4.00
1634	Holcomb's Sweetened 20% Dairy Ration.....	Newtown: R. H. Holcomb & Co.....	10.93	21.88	20.00	8.05	9.00	3.58	4.00
1725	Intermediate Chick Feed.....	Waterbury: Spencer Grain Co.....	12.08	11.88	10.00	2.05	3.50	3.25	3.00
1680	Lay or Bust Dry-Mash.....	New London: New London Grain Co.	9.63	19.75	18.00	6.05	7.00	4.80	3.00
3672	Lay or Bust Dry-Mash with Manamar	Waterbury: Spencer Grain Co.....	8.28	19.13	18.00	6.05	7.00	4.75	3.00
3752	Manamar 20% Dairy Ration.....	New London: New London Grain Co.	7.75	23.13	20.00	8.95	9.00	4.33	4.00
3543	Manamar Doublex 20% Dairy Ration	Woodbury: C. L. Adams Co.....	9.03	21.13	20.00	11.08	10.00	3.95	3.50
3034	Manamar Fitting Ration.....	Middletown: P. Levson & Son.....	13.58	12.88	12.00	6.65	7.00	3.40	3.50
1663	Manamar Lay or Bust Mash.....	Woodbury: C. L. Adams & Co.....	10.10	19.69	18.00	6.00	6.00	4.58	3.50
1681	Manamar Life Cycle Mash.....	New London: New London Grain Co.	10.05	17.25	16.00	6.63	6.00	4.40	3.50
1665	Manamar Turkey Grower.....	Woodbury: C. L. Adams & Co.....	9.58	20.88	20.00	6.20	6.00	5.45	3.50
1796	Milkade Calf Meal.....	East Winsted: Leonard Grain Co.....	8.03	27.75	20.00	5.68	6.50	7.23	5.50
3619	Milk Maid 20% Dairy Ration.....	Willimantic: W. D. Grant.....	10.73	21.88	20.00	8.33	9.00	4.68	4.00
3579	Milk Maid 24% Sweetened Dairy Ration.....	East Winsted: Leonard Grain Co.....	9.85	24.00	24.00	7.38	11.00	4.53	4.00
3035	Paramount Scratch Feed.....	Middletown: P. Levson & Son.....	12.30	11.00	10.00	1.85	5.00	2.45	2.50
1666	Park & Pollard Chick Scratch.....	Woodbury: C. L. Adams & Co.....	12.23	11.38	10.00	1.73	3.00	3.33	3.00
1662	Park & Pollard Chick Starter.....	Woodbury: C. L. Adams & Co.....	10.18	18.13	17.00	4.73	5.00	4.23	3.50
1632	Park & Pollard Economy Scratch....	Newtown: R. H. Holcomb & Co.....	13.38	11.13	10.00	2.45	5.00	2.95	1.50
3581	Park & Pollard Horse Feed.....	East Winsted: Leonard Grain Co.....	11.68	12.50	10.00	7.13	9.00	4.03	3.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	
			%	%	%	%	%	%	%	
1791	Park & Pollord Co.,—Cont. Buffalo, N. Y.									
	Park & Pollard Starter and Broiler Mash.....	Torrington: Torrington Grain Co.....	9.93	18.63	18.00	5.60	6.00	5.15	4.00	
1682	Park & Pollard Stock Feed.....	New London: New London Grain Co.	9.25	11.75	9.00	8.48	12.00	3.75	4.00	
3547	Park & Pollard Turkey Grower.....	Woodbury: C. L. Adams Co.....	9.23	21.50	20.00	6.40	6.00	5.90	4.00	
1726	Red Ribbon Scratch Feed.....	Waterbury: Spencer Grain Co.....	12.88	11.00	10.00	2.50	5.00	2.35	3.00	
3697	Top Notch 16% Ration.....	Middletown: P. Levson & Son.....	10.00	18.13	16.00	11.08	11.00	2.70	3.50	
3033	Yankee Horse Feed.....	Middletown: P. Levson & Son.....	12.68	11.06	10.00	7.30	9.00	4.08	3.50	
3436	Patent Cereals Co., Geneva, N. Y.									
	Hominy Feed.....	Farmington: Farmington Grain Co....	9.23	11.56	10.00	5.65	5.00	5.95	5.00	
3468	Pecos Valley Alfalfa Mill Co., Hagerman, N. M.									
	Peevee Alfalfa Leaf Meal.....	Guilford: Fred C. Morse & Son.....	8.28	20.25	20.00	16.63	18.00	3.23	2.50	
3574	Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa									
	Douglas Corn Gluten Feed.....	Torrington: Torrington Grain Co.....	10.03	26.50	25.00	7.33	8.50	2.53	1.50	

1917	A. D. Pierce, Brooklyn, Conn.	Brooklyn: A. D. Pierce.....	10.93	18.38	16.50	4.85	7.00	5.18	4.50
1916		Pierce's Growing Mash.....	10.25	20.75	19.00	5.55	6.80	5.45	4.50
3646		Pierce's Special Laying Mash.....	9.08	19.75	17.50	6.10	6.50	5.35	4.50
	Pillsbury Flour Mills Co., Minneapolis, Minn.								
3583		Pillsbury's Fancy Wheat Mixed Feed with ground Wheat Screenings.....	11.20	17.31	15.00	6.10	8.50	4.43	4.00
3589		Pillsbury's Hard Wheat Bran with ground Screenings.....	10.68	16.06	14.00	9.55	12.00	4.85	4.00
3587		Pillsbury's Hard Wheat A Middlings with ground Wheat Screenings.....	11.00	16.88	16.00	4.73	6.00	4.08	4.00
3622		Pillsbury's Hard Wheat Standard B Middlings with ground Screenings...	10.60	17.75	15.00	7.90	9.50	5.35	4.00
1602		Pillsbury's XX Daisy.....	10.60	19.25	16.00	2.70	4.00	5.03	4.00
	Maurice Pincoffs Co., Houston, Texas								
3465		Maurice Pincoffs Co. 41% Protein Cottonseed Meal.....	6.85	39.88	41.00	10.33	14.00	8.20	5.00
	Pittsburgh Plate Glass Co., Newark, N. J.								
3057		Red Wing 32% Protein Old Process Linseed Meal.....	10.35	35.75	32.00	7.18	9.00	5.05	4.50
	Frank S. Platt Co., New Haven, Conn.								
1541		Platco Laying Mash.....	8.33	22.25	20.00	5.88	7.00	4.85	5.50
	Post Products Div. of General Foods Corp., Battle Creek, Mich.								
1721		Burt's Hominy Feed.....	9.75	11.00	10.00	5.15	6.00	7.20	6.00
	West Cheshire: Cheshire Grain & Coal Co.....								

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	
1526	Pratt's Food Co., Buffalo, N. Y. Pratt's Baby Chick Food with Butter- milk Pratt's Calf Meal with Buttermilk . . . Pratt's Circle A Scratch Feed Pratt's Growing Mash with Buttermilk Pratt's Laying Mash with Buttermilk. Pratt's Utility Horse Feed	Bristol: Bristol Grain & Supply Co. . . . Bristol: Bristol Grain & Supply Co. . . . Bristol: Bristol Grain & Supply Co. . . . Bristol: Bristol Grain & Supply Co. . . . Bristol: Bristol Grain & Supply Co. . . . Bristol: Bristol Grain & Supply Co. . . .	%	%	%	%	%	%		
3684			10.05	16.63	16.00	3.35	4.00	4.18	3.50	
1528			8.78	24.56	24.50	2.85	4.00	3.85	4.00	
3450			12.58	11.88	10.00	2.55	4.00	2.93	2.00	
1525			8.78	17.69	17.50	6.03	6.00	5.18	4.00	
1527			10.13	21.88	20.00	5.93	6.75	5.25	4.50	
			11.23	9.13	7.50	9.33	11.00	3.08	2.00	
3505	H. C. Puffer Co., Springfield, Mass. Egg-Em-On Growing Feed Egg-Em-On Scratch Feed Producer Dairy Feed 24%	Thompsonville: Geo. S. Phelps & Co. . . Simsbury: H. B. Bunnell & Co. Simsbury: H. B. Bunnell & Co.	9.73	20.38	18.00	5.05	7.00	5.00	4.00	
1856			13.08	10.88	10.00	2.83	5.00	3.13	1.50	
3492			9.48	25.63	24.00	7.90	8.50	4.90	4.00	
1523	The Quaker Oats Co., Chicago, Ill. Big Egg Laying Mash Big Egg Scratch Grains Early Bird Fine Chick Feed Quaker Ful-O-Pep Developer	Bristol: Bristol Grain & Supply Co. . . . Thompsonville: Geo. S. Phelps & Co. . . . Thompsonville: Geo. S. Phelps & Co. . . . Stratford: Farmers Flour & Grain Co.	8.35	18.88	18.00	7.23	8.00	5.63	4.00	
3501			11.15	12.13	9.50	2.40	3.50	2.75	2.00	
3499			11.55	12.50	10.00	1.88	2.00	2.13	2.00	
3338			9.68	16.25	15.00	7.33	9.00	5.33	5.00	

1435	Quaker Ful-O-Pep Egg Mash.....	Stratford: Farmers Flour & Grain Co.	12.70	20.33	20.00	6.90	8.00	5.20	4.50
3426	Quaker Ful-O-Pep Scratch Grains.....	Plainville: W. S. Eaton.....	12.23	10.75	9.00	2.10	3.00	2.48	2.00
3437	Quaker Green Cross Horse Feed.....	Farmington: Farmington Grain Co....	11.20	10.13	10.00	10.03	12.00	2.90	2.50
3502	Quaker 16% Protein Dairy Ration...	Thompsonville: Geo. S. Phelps & Co..	8.80	16.13	16.00	11.83	13.50	3.50	3.00
3523	Quaker 20% Protein Dairy Ration...	Manchester: Little & McKinney.....	8.05	20.75	20.00	11.88	12.00	3.73	3.00
3402	Quaker Schumacher Feed.....	Danbury: C. S. Barnum & Son.....	9.30	10.13	10.00	9.30	12.00	3.63	3.00
3033	Quaker Sugared Schumacher Feed...	Wallingford: A. E. Hall.....	9.75	10.75	10.00	9.50	12.00	3.33	3.00
3524	Schumacher Calf Meal.....	Manchester: Little & McKinney.....	7.33	20.38	18.00	3.50	4.00	7.05	7.00
1830	Sugared Vim Oat Mill Feed.....	Canaan: Community Service, Inc....	7.35	5.38	5.00	24.83	27.50	1.90	1.25
1483	Vim Oat Mill Feed.....	Seymour: Seymour Grain & Coal Co..	7.80	5.38	5.00	27.13	30.00	1.98	1.50
3500	White-Hominy Feed.....	Thompsonville: Geo. S. Phelps & Co..	9.13	10.31	10.00	3.70	5.00	5.10	5.00
1669	Yellow Hominy Feed.....	Southbury: H. H. Stone.....	8.35	11.25	10.00	4.05	5.00	5.65	5.00
Ralston Purina Co., St. Louis, Mo.									
3661	Corn Feed Meal.....	Norwich: Checker Board Feed Store...	8.83	10.94	8.50	5.15	5.00	6.68	3.00
3667	Corn and Oat Provender.....	Portland: Valley Mills.....	9.03	10.88	10.00	6.70	10.00	4.28	4.00
3041	Protena 20% Dairy Feed.....	Portland: Valley Mills.....	10.83	21.50	20.00	9.40	12.00	3.68	3.50
1571	Protena Scratch Feed.....	Stamford: Clapboard Hill Feed Co....	12.45	11.50	9.50	2.39	4.00	2.83	2.00
3389	Purina Bulky Las Chow (Buffalo Mill)	Stamford: Clapboard Hill Feed Co....	13.50	11.94	9.00	11.73	15.00	2.28	1.30
3391	Purina Bulky Omolene.....	Stamford: Clapboard Hill Feed Co....	11.73	12.31	10.00	8.06	11.00	3.73	3.20
1487	Purina Broiler Chow.....	North Haven: Checker Board Feed Store.....	10.40	20.25	18.00	5.45	7.00	5.58	4.00
3607	Purina Calf Startena.....	Stafford Springs: Stafford Granary...	12.28	20.88	19.50	7.83	9.50	3.53	3.00
1858	Purina Calf Starting Chow.....	Portland: Valley Mills.....	10.65	29.25	27.00	2.93	5.00	4.38	3.20
1488	Purina Chick Chow (Coarse).....	North Haven: Checker Board Feed Store.....	12.15	10.56	10.00	2.08	4.00	2.55	2.50
1436	Purina Chick Chow (Fine).....	Stratford: Farmers Flour & Grain Co..	13.28	11.06	10.00	1.70	4.00	2.08	2.00
1724	Purina Chicken Fatena.....	Waterbury: Checker Board Feed Store	9.38	17.38	14.00	6.13	7.50	5.33	4.00
1499	Purina Chick Growena.....	North Haven: Checker Board Feed Store.....	11.35	16.81	15.00	6.68	7.00	5.05	3.50
1489	Purina Chick Startena.....	North Haven: Checker Board Feed Store.....	10.43	20.19	18.00	4.58	7.00	5.60	4.00
3400	Purina Dry and Freshening Cow Chow	New Canaan: Clapboard Feed Co....	11.75	15.25	12.50	10.88	14.00	2.98	2.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
1498	Ralston Purina Co.,—Cont. St. Louis, Mo.		%	%	%	%	%	%	%	%
1498	Purina Egg Chowder.....	North Haven: Checker Board Feed Store.....	20.06	19.00	6.70	8.00	6.23	3.50		
1490	Purina Growing Chow.....	North Haven: Checker Board Feed Store.....	19.38	17.00	5.55	7.00	4.73	3.50		
3662	Purina Heifer Growing Chow.....	Norwich: Checker Board Feed Store..	17.25	14.00	10.18	14.00	3.25	2.50		
1562	Purina Hen Chow.....	Stamford: Clapboard Hill Feed Co....	11.06	10.00	2.53	4.00	2.90	2.50		
3606	Purina Hog Fatena.....	Stafford Springs: Stafford Granary....	15.81	14.00	6.45	7.00	3.33	3.00		
1497	Purina Lay Chow.....	North Haven: Checker Board Feed Store.....	21.00	19.00	6.58	8.00	6.05	3.50		
1572	Purina Layena (Complete Ration)...	Stamford: Clapboard Hill Feed Co....	17.31	15.50	4.73	8.00	5.50	3.50		
3337	Purina Milking Cow Chow (16%)....	Stratford: Farmers Flour & Grain Co..	17.25	16.00	8.80	12.00	3.55	3.50		
3040	Purina Milking Cow Chow (20%)....	Portland: Valley Mills.....	21.31	20.00	9.53	12.00	4.00	4.00		
3399	Purina Milking Cow Chow (24%)....	New Canaan: Clapboard Hill Feed Co..	24.44	24.00	9.03	12.00	5.13	4.00		
3390	Purina Omolene.....	Stamford: Clapboard Hill Feed Co....	11.50	10.00	7.68	9.00	3.40	3.20		
3039	Purina Turkey Growing and Fattening Chow.....	Portland: Valley Mills.....	22.63	21.00	5.35	8.00	5.55	3.50		
3679	Purina Turkey Startena.....	Waterbury: Checker Board Feed Store	27.63	26.00	3.90	6.00	6.93	4.50		
3111	John Reardon & Sons Co., Cambridge, Mass. Register Brand Meat Scraps 55%....	Wallingford: A. E. Hall.....	56.94	55.00	2.35	3.00	7.93	6.00		

2985	Robin Hood Mills, Ltd., Moose Jaw, Sask., Canada Superior Wheat Red Dog.....	Montwese: Economy Feed Service...	11.38	17.69	16.50	3.00	4.00	4.28	3.50
3152	H. M. Rubin Co., Inc., Long Island City, N. Y. Rubco Meat Bone Scrap 45%.....	Wallingford: A. E. Hall.....	6.55	44.63	45.00	1.90	3.00	9.98	5.00
3464	Rubco Meat Bone Scrap 50%.....	Guilford: Fred C. Morse & Son.....	5.60	50.25	50.00	2.40	3.00	9.48	5.00
3655	Rubco Meat Bone Scrap 55%.....	Lebanon: Berkman Grain Co.....	6.20	56.88	55.00	2.88	3.00	8.23	5.00
3424	Russell-Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident Bran.....	Southington: Louis Perillo Coal Co....	10.65	18.38	14.00	8.78	11.50	5.98	4.00
3503	Hard Wheat Occident Flour Middlings	Thompsonville: Geo. S. Phelps & Co...	10.95	19.25	15.50	3.65	5.00	4.43	4.00
1612	Hard Wheat Occident Mixed Feed....	Danbury: Benjamin Feed Co.....	10.23	18.19	15.00	8.14	9.50	5.68	4.50
3422	Hard Wheat Occident Standard Middlings.....	Southington: Louis Perillo Coal Co....	10.05	19.38	15.00	7.93	9.50	5.83	4.00
3870	Schoeneck Farms, Inc., Nazareth, Pa. Keystone Brand Dehydrated Alfalfa Meal.....	Granby: E. H. Rollins.....	6.20	18.63	17.00	24.68	25.00	3.40	2.00
1729	Seaboard Supply Co., Philadelphia, Pa. SBS Crab Meal.....	Thomaston: Thomaston Supply Co....	7.65	27.38	28.00	10.78	8.00	1.80	1.00
1500	SBS Fish Meal.....	Wallingford: A. E. Hall.....	5.83	57.50	55.00	1.53	3.00	11.58	5.00
1501	Seaboard Western Grain Corp., New York, N. Y. Wheat Standard Middlings (with ground screenings not exceeding mill run).....	Wallingford: A. E. Hall.....	11.20	16.06	14.00	6.03	9.50	4.73	4.00
3074	Seymour Grain & Coal Co., Seymour, Conn. 18 Dairy Ration.....	Seymour: Seymour Grain & Coal Co...	11.65	18.50	18.00	10.65	10.00	3.75	4.00

3058 3077	Ansonia 20% Sweetened Dairy Feed.. Connecticut State Open Formula Dairy Ration.....	Ansonia: I. Sovitsky Grain & Coal Co. Naugatuck: Reliable Feed Co.....	14.10 14.78	15.13 15.56	20.00 20.00	11.55 10.55	11.00 9.00	2.88 2.90	4.00 4.50
3056 1481	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Corn Gluten Feed..... Staley's Soybean Oil Meal.....	Shelton: Wolf's Feed Store..... Seymour: Seymour Grain & Coal Co..	10.18 7.35	28.13 43.00	25.00 41.00	6.08 5.68	8.00 7.00	2.95 4.95	1.00 4.50
3430	St. Albans Grain Co., St. Albans, Vt. Brewers' Dried Grains.....	Bloomfield: Bloomfield Farmers' Ex- change.....	8.13	26.19	21.00	12.98	15.00	6.65	5.00
3061 3657 3608 3365 3352 2994	Champlain Valley 20% Dairy Ration. Champlain Valley 24% Dairy Ration. Corn Distillers' Dried Grains..... Hygrade Horse Feed..... Hygrade 16 Sweetened Milk Ration.. Hygrade 20 Sweetened Milk Ration..	Ansonia: Ansonia Flour & Feed Co.. Norwich: Norwich Grain Co. So. Coventry: E. W. Latimer..... Southport: C. Buckingham & Co.... Stepney: Wirthmore Grain & Coal Co.. Middlefield: Middlefield Grain & Coal Co.....	11.05 9.60 4.23 11.75 10.83	21.50 26.00 28.75 11.75 17.13	20.00 24.00 28.00 9.50 16.00	6.98 6.83 12.28 5.30 6.08	8.50 8.50 14.00 9.00 8.50	4.28 4.00 8.90 3.63 3.93	3.50 3.50 7.00 3.25 3.50
3538 3115 3119 3358 3356 3357 3495 3497 1415 1358	Hygrade 24 Sweetened Milk Ration.. Mornin' Call Poultry Grains..... Paragon Hominy Feed..... Pilgrim Laying Mash..... Pilgrim Scratch Feed..... Pilgrim 20 Dairy Ration..... Utility Dairy Ration..... Utility 16 Dairy Ration..... Wirthmore Baby Chick Scratch..... Wirthmore Baby Chick Starter—A Complete Balanced Feed for the First Six Weeks, Containing Cod Liver Oil..... Wirthmore 25 Balanced Ration Sweet- ened.....	Southbury: Southbury Grain Co..... Meriden: H. Grulich..... Kensington: A. S. Labieniec..... Stepney: Wirthmore Grain & Coal Co.. Stepney: Wirthmore Grain & Coal Co.. Stepney: Wirthmore Grain & Coal Co.. Suffield: Spencer Bros..... Suffield: Spencer Bros..... Milford: Milford Grain Co.....	10.03 10.08 12.08 10.13 9.98 12.03 10.98 9.80 10.08 12.65	22.06 26.50 11.75 10.88 17.88 11.50 21.38 21.38 15.50 11.44	20.00 24.00 9.50 10.00 18.00 9.50 20.00 20.00 16.00 10.00	7.23 6.28 2.03 4.25 6.15 2.43 6.95 9.75 11.85 1.53	8.50 9.00 4.00 7.00 4.00 8.50 12.00 13.00 3.50	4.35 3.85 2.40 7.18 4.88 2.78 4.30 3.58 3.05 2.73	3.50 3.50 2.50 6.00 4.00 2.50 3.50 3.50 3.00 2.50
3386	Cheshire: Center Grain Co..... Noroton: Davis Grain Co.....		11.73 9.90	18.75 26.50	18.00 25.00	4.52 7.38	5.00 8.50	4.78 4.83	4.00 4.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than	
			%	%	%	%	%	%	%	
	St. Albans Grain Co.,—Contd.									
3700	Wirthmore Breeder Mash.....	Westerly: C. W. Campbell.....	9.45	21.44	20.00	5.88	7.00	3.93	4.50	
1550	Wirthmore Calf Meal.....	Stepney: Wirthmore Grain & Coal Co.	9.13	24.69	24.00	3.33	4.00	6.05	5.50	
1361	Wirthmore Complete Chick Starter and Broiler Ration.....	Cheshire: Center Grain Co.....	11.50	18.94	17.50	4.60	5.50	5.03	4.00	
1447	Wirthmore Complete Growing Ration.	Southport: C. Buckingham & Co.....	12.05	15.06	14.00	4.83	6.00	4.70	3.75	
1446	Wirthmore Complete Laying Ration..	Southport: C. Buckingham & Co.....	11.43	16.13	15.00	4.58	5.00	5.13	4.00	
3116	Wirthmore 16 Dairy Ration Sweetened	Meriden: H. Grulich.....	10.73	16.75	16.00	5.38	8.00	4.70	4.00	
3603	Wirthmore 20 Dairy Containing Forti- fied Cod Liver Oil.....	Stafford Springs: Valley Grain Co.....	10.10	21.25	20.00	7.95	8.00	5.23	4.50	
3114	Wirthmore 20 Dairy Feed Sweetened.	Meriden: H. Grulich.....	10.65	21.19	20.00	5.90	8.00	4.68	4.50	
2989	Wirthmore 14 Fitting Ration.....	Middlefield: Middlefield Grain & Coal Co.....	10.38	16.75	14.00	6.73	7.00	5.15	4.00	
1549	Wirthmore Fleshing and Fattening Mash.....	Stepney: Wirthmore Grain & Coal Co.	9.78	15.63	15.00	3.68	6.00	5.25	4.50	
1379	Wirthmore Fleshing Pellets—A Con- ditioning Feed for Poultry.....	Cheshire: Center Grain Co.....	11.05	16.38	15.00	5.83	6.50	4.85	4.50	
1538	Wirthmore Flour Middlings.....	Branford: S. V. Osborn Est.....	10.65	18.31	15.00	5.60	6.00	5.30	4.00	
2992	Wirthmore Fodder Greens.....	Middlefield: Middlefield Grain & Coal Co.....	10.28	13.75	10.00	11.25	15.00	3.90	3.00	

1359	Wirthmore Growing Mash Containing Cod Liver Oil.....	12.10	16.56	15.00	5.23	6.00	4.68	4.50
3373	Wirthmore Horse Feed.....	12.05	10.38	9.80	5.93	9.00	2.98	3.25
3387	Wirthmore Intermediate Scratch Feed.....	11.73	11.31	10.00	1.70	3.50	2.80	2.50
1360	Wirthmore Laying Mash Containing Cod Liver Oil.....	11.13	20.00	20.00	5.08	7.00	5.05	4.00
1443	Wirthmore Laying Pellets—A Com- plete Ration for Caged Layers.....	11.20	16.94	15.00	3.58	6.00	4.33	4.00
3366	Wirthmore Pig & Hog—A Growing and Fattening Feed.....	10.83	18.13	17.00	5.70	9.00	4.95	4.00
1574	Wirthmore Scratch Feed.....	13.33	10.88	10.00	2.25	4.00	2.98	2.50
1575	Wirthmore Stock Feed.....	9.35	9.63	9.00	6.65	9.50	4.48	4.00
3359	Wirthmore Turkey Fattening Ration.....	9.88	18.25	16.00	4.63	7.00	4.50	4.50
3336	Wirthmore Turkey Growing Ration.....	10.10	21.69	20.00	4.85	7.00	4.80	4.00
3459	Wirthmore Turkey Starting Ration.....	9.13	23.75	24.00	4.88	7.00	5.23	4.50
1661	Wirthmore Wheat Feed.....	11.55	17.13	15.00	7.35	8.00	4.95	3.75
3370	St. Lawrence Flour Mills Co., Ltd., Montreal, Canada Premier Bran.....	11.30	16.94	15.00	10.00	11.50	5.00	3.50
3361	D. A. Stickell & Sons, Inc., Hagerstown, Md. Blue Ridge Egg Mash.....	9.88	21.63	20.00	5.63	6.00	6.33	5.00
1465	Snap Scratch Grains.....	13.73	10.63	10.00	2.40	5.00	2.88	2.50
2995	Snap Sweet 20% Dairy Feed.....	11.55	21.50	20.00	8.85	12.00	3.88	3.00
3021	Stickell's Certified 20% Ration.....	10.91	20.38	20.00	7.95	8.00	4.95	4.00
3132	Stickell's Poultry Fatner.....	10.28	14.88	12.00	5.18	6.00	5.83	4.50
1464	Su-Pur All Mash Starter.....	11.10	17.88	16.50	4.28	5.00	6.33	4.00
3022	Su-Pur Horse and Calf Meal.....	12.95	12.69	9.00	5.23	12.00	2.78	2.50
1859	Zip Growing Mash.....	10.55	16.69	15.00	5.90	6.00	5.60	4.00
	Bridgeport: Brooklawn Grain & Feed Co.....							
	Derby: Derby Feed Store.....							
	Middlefield: Terrill & Burnham.....							
	Middlefield: Terrill & Burnham.....							
	New Britain: Wm. Cohen, Inc.....							
	Derby: Derby Feed Store.....							
	Middlefield: Terrill & Burnham.....							
	Portland: Valley Mills.....							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
1943	F. W. Stock & Sons, Hillsdale, Mich.	Eastford: Wm. S. Warren.....	%	%	%	%	%	%	%	%
1645		New Milford: Soule Grain Co.....	10.53	14.50	16.00	7.28	8.00	4.65	4.00	4.00
1944		Eastford: Wm. S. Warren	11.03	14.00	17.50	8.30	10.00	3.98	4.00	4.00
			10.58	16.63	17.50	5.28	7.00	5.83	4.00	4.00
1883	Swift & Co. Oil Mills, Atlanta, Ga.	Hazardville: A. D. Bridge's Sons.....	7.10	41.00	41.00	10.38	10.00	6.93	5.00	5.00
3670	Syracuse Milling Co., Syracuse, N. Y.	Higganum: Felix A. Petrofsky.....	7.70	25.19	24.00	8.93	12.00	5.33	4.50	4.50
1438		East Bridgeport: J. Simon.....	11.33	19.31	18.00	6.14	8.00	4.53	3.00	3.00
1440		East Bridgeport: J. Simon.....	10.50	18.56	16.00	3.98	7.00	4.98	4.00	4.00
1437		East Bridgeport: J. Simon.....	10.15	21.56	18.00	7.65	9.00	4.35	3.00	3.00
3762		Saugatuck: Saugatuck Grain & Supply Co.....	8.70	19.69	20.00	9.03	12.00	4.15	4.00	4.00
1439		East Bridgeport: J. Simon.....	13.20	10.63	10.00	2.28	5.00	3.05	2.50	2.50
3342		East Bridgeport: J. Simon.....	10.00	10.75	9.00	9.03	12.00	3.50	3.00	3.00

Thomaston Supply Co., Inc., Thomaston, Conn.		Thomaston: Thomaston Supply Co., Inc.....		Thomaston: Thomaston Supply Co., Inc.....		Thomaston: Thomaston Supply Co., Inc.....		Thomaston: Thomaston Supply Co., Inc.....		Thomaston: Thomaston Supply Co., Inc.....	
3456	Thomaston Dairy Ration.....	8.85	23.38	20.00	8.20	9.00	4.78	4.00			
1728	Thomaston Egg Mash with Cod Liver Oil.....	8.73	19.88	18.00	7.63	8.00	5.35	4.00			
1727	Thomaston Growing Mash with Cod Liver Oil.....	9.53	16.38	15.00	8.43	7.00	4.43	4.00			
1790	Thomaston Scratch.....	12.75	11.69	10.00	2.25	5.00	3.30	3.00			
Tioga Mills, Inc., Waverly, N. Y.		Hawleyville: W. A. Honan.....		Bristol: Bristol Grain & Supply Co., Bristol: Bristol Grain & Supply Co., Hawleyville: W. A. Honan.....		Hawleyville: W. A. Honan.....		Bristol: Bristol Grain & Supply Co., Hawleyville: W. A. Honan.....		Bristol: Bristol Grain & Supply Co., Hawleyville: W. A. Honan.....	
1631	Chicotine.....	9.03	21.25	18.00	4.88	6.50	4.85	4.00			
3683	Conditiontine.....	8.45	17.38	15.50	4.13	5.00	5.20	4.00			
1524	20% Creatamine.....	9.83	20.50	20.00	8.10	10.00	5.60	4.50			
3594	Derby Dairy Feed.....	9.68	20.88	20.00	11.75	12.00	3.08	3.60			
3595	Derby Scratch Feed.....	11.45	12.50	9.00	3.35	4.50	2.48	2.00			
1616	Egatine.....	10.00	23.38	23.00	6.35	6.50	4.58	4.00			
3438	E-Gee Dairy Feed.....	9.63	20.00	20.00	8.43	10.00	4.80	3.50			
3596	Never Fail Flusher.....	10.48	19.13	18.00	3.60	5.00	4.20	3.00			
3592	Or-Co Feed.....	10.93	19.50	18.00	9.73	12.00	3.05	2.50			
3593	Red Brand Tioga Dairy Feed.....	10.20	24.00	24.00	8.28	10.00	5.03	4.50			
1586	Tioga Calf Food.....	10.03	24.88	21.00	5.33	7.00	5.28	4.00			
3576	Tioga Growing Grains.....	12.10	11.50	10.00	1.55	4.00	3.33	2.50			
1522	Tioga Laying Food.....	10.10	20.44	18.00	3.53	6.50	4.70	4.00			
1615	Tioga Poultry Grains.....	12.63	13.94	9.00	2.98	4.50	3.30	2.00			
1630	Tioga Starter and Grower.....	9.93	18.94	16.50	5.98	6.50	4.53	4.00			
Traders Feed & Grain Co., Inc., Buffalo, N. Y.		Danbury: Benjamin Feed Co.....		Kensington: A. S. Labieniec.....							
1614	Rex Wheat Bran with Screenings not Exceeding Mill Run.....	10.75	16.19	15.00	10.25	12.00	5.15	3.50			
3117	Rex Wheat Middlings with Screenings	12.50	18.13	16.00	7.78	7.50	5.43	5.00			

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	%	Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Jacob Trinley & Sons, Linfield, Pa.									
3062	Favorite 20% Dairy Feed.....	Ansonia: Farmers Feed & Grain Co....	11.98	19.94	20.00	%	7.99	11.00	3.80	3.50
2984	Favorite Growing Mash.....	Montwese: Economy Feed Service..	9.50	18.44	16.00	%	7.73	7.00	5.58	3.50
2986	Favorite Horse Feed.....	Montwese: Economy Feed Service..	13.03	8.25	7.00	%	10.48	12.10	2.28	2.50
1442	Favorite Laying Mash.....	Fairfield: J. August Feed Co.....	10.43	19.88	18.00	%	7.35	7.50	4.70	4.00
1443	Favorite Scratch Grains.....	Fairfield: J. August Feed Co.....	14.93	11.56	9.00	%	2.53	5.00	2.93	2.00
3757	Melo Horse Feed.....	New Haven: R. G. Davis & Sons, Inc.	9.98	5.94	4.50	%	12.33	12.10	1.75	1.20
1553	Real Chick Starter.....	Fairfield: J. August Feed Co.....	10.63	19.75	16.00	%	5.13	7.00	4.45	4.00
3362	Real 20% Dairy Feed.....	Fairfield: J. August Feed Co.....	11.58	19.50	20.00	%	8.55	10.50	4.10	4.00
3754	Real Fattening Mash.....	Montwese: Economy Feed Service..	8.65	17.50	14.00	%	4.51	6.00	4.95	4.50
1479	Real Growing Mash.....	Ansonia: Farmers Feed & Grain Co....	10.83	19.69	17.00	%	6.10	10.00	5.08	4.00
2987	Real Intermediate Chick Feed.....	Montwese: Economy Feed Service..	12.68	11.63	10.00	%	2.55	4.00	3.50	3.00
1441	Real Laying Mash.....	Fairfield: J. August Feed Co.....	10.60	21.75	20.00	%	7.10	8.00	4.90	4.00
3137	Real Starter & Developer Mash.....	North Haven: Economy Feed Service	10.28	18.94	16.00	%	4.71	7.00	5.00	4.00
3755	Real Stock Feed.....	Montwese: Economy Feed Service..	7.80	12.50	10.00	%	10.03	12.00	5.05	3.00
3363	Supreme 85% Horse Feed.....	Fairfield: J. August Feed Co.....	12.85	10.13	9.00	%	7.38	11.00	3.25	3.00
3761	Trinley's 16% Dairy Feed.....	Fairfield: J. August Feed Co.....	9.78	16.50	16.00	%	8.53	11.50	3.63	3.50
3133	Trinley's 24% Dairy Feed.....	New Britain: Wm. Cohen, Inc.....	11.20	24.00	24.00	%	6.91	10.00	3.70	4.00
	Union Starch & Refining Co., Columbus, Ind.									
3375	Union Corn Gluten Feed.....	So. Norwalk: Ferris-Devine Co.....	10.20	27.63	25.00	%	6.28	8.00	2.10	1.00

3659	Union Supply & Milling Corp., Burbank, Calif. Sunshine Brand Alfalfa Leaf Meal.....	Norwich: Norwich Grain Co.....	8.23	17.63	20.00	22.05	18.00	2.78	3.00
1922	United Co-op. Farmers', Inc., Fitchburg, Mass. United Farmers Growing Mash.....	Danielson: United Co-op. Farmers', Inc.....	9.05	19.44	16.00	5.25	7.00	5.43	4.00
1924	United Farmers Milk Egg Mash.....	Danielson: United Co-op. Farmers', Inc.....	9.93	17.69	16.50	5.08	6.50	5.53	4.00
3642	United Farmers Milkmaker.....	Danielson: United Co-op. Farmers', Inc.....	9.83	20.13	20.00	8.03	8.00	4.83	4.00
1923	United Farmers Starting and Growing Mash.....	Danielson: United Co-op. Farmers', Inc.....	9.48	19.31	16.00	4.93	6.00	5.73	4.00
	Unity Feeds, Inc., Boston, Mass.								
3514	Paycheck 16% Dairy Ration.....	So. Windsor: So. Windsor Grain & Feed Co.....	9.45	16.75	16.00	13.45	11.00	3.38	4.00
3513	Paycheck 20% Dairy Ration.....	So. Windsor: So. Windsor Grain & Feed Co.....	9.95	21.06	20.00	11.30	11.00	4.43	4.00
3511	Paycheck 24% Dairy Ration.....	So. Windsor: So. Windsor Grain & Feed Co.....	9.20	24.13	24.00	10.65	11.00	4.68	4.00
1876	Paycheck Laying Mash with Cod Liver Oil.....	So. Windsor: So. Windsor Grain & Feed Co.....	9.75	18.00	18.00	6.60	8.00	4.53	3.00
3509	Paycheck Scratch Feed.....	So. Windsor: So. Windsor Grain & Feed Co.....	11.55	12.19	10.00	2.50	5.00	2.68	2.50
3635	Paymaster 20% Dairy Ration.....	Putnam: Bosworth Bros.....	10.58	22.56	20.00	7.90	9.00	4.23	4.00
3648	Paymaster 24% Dairy Ration.....	Norwich: A. E. Shedd.....	9.63	24.63	24.00	8.85	9.00	3.88	4.00
1907	Paymaster Laying Mash.....	Norwich: A. E. Shedd.....	10.25	19.38	18.00	6.88	8.00	4.28	3.00
3515	Paymaster Laying Mash with Cod Liver Oil.....	So. Windsor: So. Windsor Grain & Feed Co.....	9.38	19.88	18.00	6.55	8.00	5.75	3.00
3598	Paymaster Scratch Feed.....	West Willington: H. M. Hansen.....	12.28	12.50	10.00	3.05	5.00	2.73	2.50
3665	Unity Chick Starter.....	No. Westchester: Solomon Bros.....	8.43	20.25	17.00	5.10	5.00	5.60	3.50
1875	Unity Complete Starting and Broiler Mash.....	So. Windsor: So. Windsor Grain & Feed Co.....	10.28	18.25	17.00	5.15	5.00	4.48	3.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Protein (N x 6.25)		Fiber		Fat		Water	
			Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than		
			%	%	%	%	%	%	%	%
	Unity Feeds, Inc.,—Cont.									
3634	Boston, Mass.	Putnam: Bosworth Bros.....	10.70	22.06	20.00	7.68	9.00	3.90	4.50	
3636	Unity 20% Dairy Ration.....	Putnam: Bosworth Bros.....	10.28	24.94	24.00	8.33	11.00	3.80	4.50	
1874	Unity 24% Dairy Ration.....	So. Windsor: So. Windsor Grain & Feed Co.....	10.58	15.63	14.00	6.00	7.00	4.35	3.00	
3599	Unity Growing Mash with Cod Liver Oil.....	West Willington: H. M. Hansen.....	12.63	11.25	10.00	6.20	9.00	3.55	3.00	
1877	Unity Horse Feed.....	So. Windsor: So. Windsor Grain & Feed Co.....	10.35	20.13	18.00	6.50	7.00	4.93	3.00	
3666	Unity Laying Mash with Cod Liver Oil.....	No. Westchester: Solomon Bros.....	8.38	20.75	17.00	6.73	8.00	3.83	4.00	
3601	Unity Pig & Hog Ration.....	West Willington: H. M. Hansen.....	9.15	9.56	8.50	11.23	12.00	4.68	4.00	
3510	Unity Stock Feed.....	So. Windsor: So. Windsor Grain & Feed Co.....	8.65	24.50	22.00	6.03	7.00	5.53	4.00	
	Unity Turkey Starter and Growing Mash.....									
	Upper Hudson Rye Flour Mills, Inc.									
	Troy, N. Y.									
2993	Upper Hudson Rye Feed.....	Middlefield: Middlefield Grain & Coal Co.....	10.85	15.81	13.50	4.30	6.00	3.30	3.00	
	The Van Iderstine Co.,									
	Long Island City, N. Y.									
1919	Vico Quality Meat and Bone Scrap....	Brooklyn: A. D. Pierce.....	5.78	54.13	50.00	2.13	3.00	10.60	5.00	

3550	Victor Flour Mills, Inc., Pittsford, N. Y.	Bethlehem: A. T. Minor.....	10.43	17.13	15.00	7.88	11.00	4.13	4.00
3694	Victor Spring Wheat Bran.....	Middletown: Meech & Stoddard, Inc..	9.38	18.25	17.00	6.25	9.50	4.98	5.00
3126	Ward Dry Milk Co., St. Paul, Minn.	Wallingford: A. E. Hall	7.53	33.38	32.00	0.75	1.00
3551	Watertown Co-op. Assoc., Inc., Watertown, Conn.	Watertown: Watertown Co-op. Assoc., Inc.....	12.95	12.25	10.00	2.13	4.00	2.93	2.50
3627	Wayne County Grangers Feed Corp. Clyde, N. Y.	Eastford: Wm. S. Warren.....	10.45	22.00	24.00	9.23	10.00	3.90	4.00
3544	24% Milkproducer Dairy.....	Southbury: H. H. Stone.....	9.40	26.69	24.00	7.63	10.00	5.08	4.00
3540	Superior Broiler Ration with Milk and Cod Liver Oil.....	Southbury: H. H. Stone.....	9.50	18.94	17.00	6.53	7.00	4.63	4.00
1940	Superior Chick Starter with Butter- milk and Cod Liver Oil.....	Eastford: Wm. S. Warren.....	9.83	17.94	17.50	7.00	7.00	4.75	4.00
3541	20% Superior Dairy Feed.....	Southbury: H. H. Stone.....	10.53	21.63	20.00	8.68	10.00	3.63	4.00
1941	Superior Growing Mash with Butter- milk and Cod Liver Oil.....	Eastford: Wm. S. Warren.....	9.73	18.94	17.50	6.45	7.00	4.78	4.00
1942	Superior Laying Mash with Butter- milk and Cod Liver Oil.....	Eastford: Wm. S. Warren.....	9.38	22.63	20.00	6.90	7.00	5.00	4.00
3628	Superior Turkey Grower and Fattener with Milk and Cod Liver Oil.....	Eastford: Wm. S. Warren.....	9.55	21.19	20.00	6.18	7.00	4.98	4.00
3543	Sweetened 16% Dairy Feed.....	Southbury: H. H. Stone.....	10.80	18.75	16.00	8.00	12.00	3.80	4.00
3542	Universal Horse Feed.....	Southbury: H. H. Stone.....	11.40	11.50	10.00	6.28	9.00	2.65	3.00
1849	West-Nesbitt, Inc., Oneonta, N. Y.	Winsted: Chas. R. Hawley.....	12.03	11.50	11.00	1.65	3.00	2.75	3.00
3582	Pure Feed Chick Grains.....	Winsted: Chas. R. Hawley.....	8.85	25.19	20.00	7.78	10.00	5.05	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	West-Nesbitt, Inc.,—Cont. Oneonta, N. Y.		%	%	%	%	%	%	%	%
1845	Pure Feed Egg Mash.....	Winsted: Chas. R. Hawley.....	9.88	22.38	18.00	4.73	7.00	5.25	5.00	
3421	Pure Feed Horse Ration.....	Southington: Louis Perillo Coal Co....	11.00	11.63	9.00	7.93	10.00	3.63	3.00	
1848	Pure Feed Starting Mash.....	Winsted: Chas. R. Hawley.....	10.03	17.50	16.00	4.68	4.60	5.00	4.50	
1850	Pure Feed Starting and Growing Mash	Winsted: Chas. R. Hawley.....	9.90	18.63	18.00	5.40	5.50	5.18	4.50	
	Wolf's Feed Store, Shelton, Conn.									
1468	Wolf's Chick Starter.....	Shelton: Wolf's Feed Store.....	11.43	17.81	16.50	5.38	7.00	4.38	4.00	
1470	Wolf's Egg Mash.....	Shelton: Wolf's Feed Store.....	10.73	18.38	19.00	6.98	7.00	4.50	4.50	
3044	Wolf's Growing Mash 100 lbs.....	Shelton: Wolf's Feed Store.....	10.38	17.75	17.00	7.30	7.50	5.00	5.00	
1471	Wolf's Sweetened 20% Dairy Ration (with Molasses).....	Shelton: Wolf's Feed Store.....	11.28	21.00	20.00	7.30	9.00	4.58	4.50	
	Worcester Rendering Co., Auburn, Mass.									
1926	Fish Meal.....	Danielson: Young Bros. Co.....	7.73	54.88	50.00	0.78	2.00	8.80	4.00	
	Yantic Grain & Products Co., Norwich, Conn.									
3351	Al-Mo.....	Stepney: Stepney Big Y Feed Store....	14.38	12.50	11.00	15.43	19.00	1.18	1.50	

1347	Big (Y) All-in-All Egg Ration.....	Mt. Carmel: Hamden Grain Co.....	11.83	17.13	15.00	3.98	5.00	6.05	4.00
1346	Big (Y) All-in-All Growing Ration...	Mt. Carmel: Hamden Grain Co.....	10.40	16.31	15.00	4.55	5.00	6.05	4.00
3028	Big (Y) Broiler Fattening Mash.....	Middlefield: Middlefield Center Grain Co.....	10.93	16.81	15.00	3.93	6.00	4.90	4.00
1903	Big (Y) Chick Scratch Grains.....	Yantic: Yantic Grain Co.....	12.53	10.63	10.00	1.13	4.00	3.20	2.00
1902	Big (Y) Chick Starter with Cod Liver Oil.....	Yantic: Yantic Grain Co.....	9.68	18.75	18.00	3.93	6.00	4.98	4.00
1350	Big (Y) Complete Broiler and Chick Ration.....	Mt. Carmel: Hamden Grain Co.....	9.95	18.94	17.50	4.24	6.00	5.83	4.00
3027	Big (Y) Dairy 16%.....	Middlefield: Middlefield Center Grain Co.....	11.08	20.81	16.00	6.95	9.00	4.70	4.00
3081	Big (Y) Dairy 20%.....	Union City: Naugatuck Grain Co.....	11.00	23.75	20.00	6.76	9.00	4.38	4.75
3432	Big (Y) Dairy 24%.....	Tariffville: Tariffville Grain Co.....	9.73	25.88	24.00	6.28	9.00	4.68	4.75
3611	Big (Y) Fitting Ration.....	Willimantic: Boston Grain Co.....	12.08	14.38	12.00	6.08	8.00	4.25	4.00
3412	Big (Y) Flour Middlings.....	Danbury: Big Y Feed Store.....	11.70	19.38	16.50	4.65	6.00	4.95	4.00
1349	Big (Y) Growing Feed with Cod Liver Meal and Dried Milk.....	Mt. Carmel: Hamden Grain Co.....	11.13	18.75	15.00	5.30	6.00	5.03	4.50
3656	Big (Y) Hog and Pig Ration.....	Norwich: Yantic Grain & Products Co.	9.38	16.88	17.00	5.85	7.00	5.60	4.00
3082	Big (Y) Horse Feed.....	Union City: Naugatuck Grain Co.....	12.43	10.13	9.00	3.08	8.00	2.78	2.00
1352	Big (Y) Intermediate Chick Feed.....	Mt. Carmel: Hamden Grain Co.....	13.48	11.88	10.00	1.95	5.00	3.33	2.50
1901	Big (Y) Laying Mash with Cod Liver Oil.....	Yantic: Yantic Grain Co.....	9.68	18.00	16.00	5.60	7.00	5.78	4.00
1348	Big (Y) Laying Mash with Dried Milk and Cod Liver Meal.....	Mt. Carmel: Hamden Grain Co.....	11.18	17.44	18.00	4.92	7.00	5.35	4.00
3025	Big (Y) Milk and Oil Growing Feed...	Middlefield: Middlefield Center Grain Co.....	10.38	16.31	15.00	5.85	7.00	5.35	4.00
3433	Big (Y) Mixed Feed.....	Tariffville: Tariffville Grain Co.....	11.65	16.44	16.00	6.25	8.00	4.58	4.00
3479	Big (Y) Scratch Feed.....	East Hartford: East Hartford Grain Co.....	11.90	11.88	10.00	2.73	5.00	2.58	2.00
3080	Big (Y) Stock Feed.....	Union City: Naugatuck Grain Co.....	10.05	10.13	9.00	11.23	12.00	4.45	4.00
3699	Big (Y) Sugared Oat Feed.....	Norwich: Yantic Grain & Products Co.	7.58	6.25	5.00	23.28	27.50	2.15	1.25
3609	Big (Y) Sugared Stock Feed.....	Willimantic: Boston Grain Co.....	10.45	8.88	9.00	11.08	12.00	4.15	3.50
1351	Big (Y) Turkey Growing Feed.....	Mt. Carmel: Hamden Grain Co.....	9.55	19.19	20.00	5.30	6.00	6.40	4.50
1353	Big (Y) Turkey Starter.....	Mt. Carmel: Hamden Grain Co.....	10.13	23.50	24.00	4.28	7.00	6.48	4.50
3610	Calico Girl Scratch Feed.....	Willimantic: Boston Grain Co.....	13.38	11.31	10.00	2.95	5.00	2.78	2.00
3478	Columbia Dairy Feed.....	East Hartford: East Hartford Grain Co.	9.33	23.13	20.00	11.23	12.00	4.80	3.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1936—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than
	Yantic Grain & Products Co., Norwich, Conn. [Cont.]		%	%	%	%	%	%	%	%
3349	Columbia Horse Feed.....	Stepney: Stepney Big Y Feed Store..	12.00	10.50	10.00	7.55	7.00	2.63	3.00	
1354	Columbia Laying Mash.....	Mt. Carmel: Hamden Grain Co.....	10.90	17.56	16.00	5.95	7.00	5.35	4.00	
3411	Columbia Scratch Feed.....	Danbury: Big Y Feed Store.....	11.70	12.00	10.00	2.83	5.00	2.50	2.00	
3350	Economy Horse Feed.....	Stepney: Stepney Big Y Feed Store..	11.95	8.38	8.00	12.28	15.00	2.33	2.00	
3434	Open Formula Dairy 16%.....	Tariffville: Tariffville Grain Co.....	9.48	22.63	16.00	12.53	9.00	4.40	4.00	
3026	Open Formula Dairy 20%.....	Middlefield: Middlefield Center Grain Co.....	11.75	21.38	20.00	6.45	9.00	4.25	4.00	
3410	Purity Dairy Ration.....	Danbury: Big Y Feed Store.....	10.68	23.25	20.00	8.13	8.00	5.18	4.00	

TABLE 2. ANALYSES OF DOG FEEDS

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Moisture	Ash	Protein		Fiber		Fat		Nitrogen-free extract	Phosphoric acid, (P ₂ O ₅)	Calcium oxide, (CaO)
					Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than			
4583	Allied Mills, Inc., Chicago, Ill.	Plainville:	%	%	%	%	%	%	%	%	%	%	%
4597	Wayne Dog Food Krumbs..... Arcady Farms Milling Co., Chicago, Ill.	Sunshine Feed Store..... Meriden:	6.53	10.96	25.81	25.00	4.07	5.00	5.40	4.00	47.23	3.65	4.51
4589	Wonder Cooked Dog Food..... Austin Dog Bread and Animal Food Co., Chelsea, Mass.	Reliable Grain & Feed Co. New Haven:	5.70	10.15	23.25	23.00	3.80	1.00	3.85	2.00	53.25	3.89	4.33
4718	Austin's Puppy Bread..... Baker Packing Co., Chicago, Ill.	Frank S. Platt Co..... New London:	5.33	5.38	22.25	18.00	1.45	2.00	2.00	1.00	63.59	2.34	1.75
4585	Sportsman Dog Food..... Battle Creek Dog Food Co., Battle Creek, Mich.	Mohican Co..... Unionville:	73.10	0.83	10.31	10.00	1.14	0.50	2.53	2.50	12.09	0.39	0.16
4584	Miller's Cereal Food (without meat) Battle Creek Dog Food Co., Battle Creek, Mich.	Lawton-Miner Co..... Unionville:	8.13	2.74	9.50	8.00	1.10	1.50	1.10	1.50	77.43	0.42	0.23
4580	Miller's Kibbles for Dogs..... Beacon Milling Co., Inc., Cayuga, N. Y.	Lawton-Miner Co..... Danbury:	7.05	6.63	20.44	15.00	0.84	2.00	1.55	1.00	63.49	2.48	2.00
4581	Beacon Dog Pellets..... Beacon Milling Co., Inc. Cayuga, N. Y.	C. S. Barnum & Son..... Danbury:	6.50	8.60	26.38	24.00	2.58	5.00	4.18	3.00	51.76	3.20	3.46
4699	Dog and Puppy Meal..... California Animal Products Co., Oakland, Calif.	C. S. Barnum & Son..... Waterbury:	6.28	8.54	26.25	24.00	2.86	5.00	4.33	3.00	51.69	3.27	3.57
	Calo Dog Food.....	First National Stores.....	73.48	1.72	9.56	8.00	0.83	0.50	2.75	2.25	11.61	0.64	0.58

TABLE 2. ANALYSES OF DOG FEEDS—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Moisture %	Ash %	Protein		Fiber		Fat		Nitrogen-free extract %	Phosphoric acid, (P ₂ O ₅) %	Calcium oxide, (CaO) %
					Found %	Guaranteed not less than %	Found %	Guaranteed not more than %	Found %	Guaranteed not less than %			
4701	Chappel Bros., Rockford, Ill.	Waterbury:	69.45	5.39	8.25	9.00	1.21	2.00	4.68	2.00	11.02	2.05	2.47
4715	Ken-L-Ration.....	Mohican Co.....											
	Cudahy Packing Co., Chicago, Ill.	Hartford:											
	Tally-Ho Dog Food.....	Hartford Market Co.....	71.88	1.08	11.56	12.00	0.73	1.00	3.45	3.00	11.30	0.36	0.09
4696	Daily Packing Co., Chicago, Ill.	Waterbury:											
	Daily Dog Food.....	A. & P. Tea Co.....	65.68	4.22	12.75	12.00	2.15	1.00	4.00	5.00	11.20	1.64	1.83
4599	Albert Dickinson Co., Chicago, Ill.	Hartford:											
	Dickinson's Dog Food.....	Cadwell & Jones.....	4.78	11.88	30.50	2.25	5.88	44.71	3.54	3.91
4593	John C. Dow Co., Cambridge, Mass.	Meriden:											
	Crumpled Dog Food.....	Herbert Grulich.....	7.40	5.54	24.88	20.00	0.95	4.03	5.00	57.20	1.66	1.69
4582	Elmore Milling Co., Inc., Oneonta, N. Y.												
	Elmore's Complete Balanced Dog Food.....	Southington: Louis Perillo Coal Co.....	7.83	10.12	22.00	2.31	4.00	53.74	3.56	4.13
4579	John W. Eshelman & Son, Lancaster, Pa.	Bethel:											
	Red Rose Dog and Puppy Food..	Morrison & Dunham.....	5.60	12.80	25.13	26.00	2.35	2.50	4.05	5.00	50.07	4.54	5.75
4592	Gaines Food Co., Sherburne, N. Y.	New Haven:											
	Gaines Meat and Milk Meal.....	Frank S. Platt Co.....	5.90	16.56	29.38	23.00	3.50	4.00	5.70	3.00	38.96	5.93	6.91
4716	Gaines Food Co., Sherburne, N. Y.	Guilford:											
	Vita-Gaines Dog Food.....	Fred C. Morse & Son.....	71.18	2.87	12.56	1.03	3.03	9.33	1.17	1.21
4717	Glendale Canning Co., Glendale, L. I., N. Y.	Colchester:											
	Snappy Dog Food.....	P. Cutler, Inc.....	69.95	2.56	8.88	1.43	1.14	16.04	0.23	0.95

TABLE 2. ANALYSES OF DOG FEEDS—Continued

Station No.	Manufacturer and Brand	Retail dealer in Connecticut	Moisture	Ash	Protein		Fiber		Fat		Nitrogen-free extract	Phosphoric acid, (P ₂ O ₅)	Calcium oxide, (CaO)
					Found	Guaranteed not less than	Found	Guaranteed not more than	Found	Guaranteed not less than			
4706	Pet Food Sales Co., New York, N.Y.	New Haven:	%	%	%	%	%	%	%	%	%	%	%
4598	Fetch-It Dogs and Cats	Joe's Market	73.90	2.38	5.63	10.10	1.05	1.12	0.68	2.80	16.36	0.78	0.75
	Potter-Wrightington Co., Boston, Mass.	Middletown:											
4586	Old Grist Mill Dog Bread	Meech & Stoddard, Inc.	8.80	6.56	23.00		2.00		2.60		57.04	2.65	2.36
4594	Pratt Food Co., Buffalo, N. Y.	Unionville:											
	Pratt's Dog Food Cubed	Lawton-Miner Co.	6.73	9.86	21.50		2.38		5.13		54.40	3.04	3.52
4721	Ralston Purina Co., St. Louis, Mo.	Wallingford:											
	Purina Dog Chow	A. E. Hall	6.53	7.00	23.75		2.24		3.80		56.68	2.26	2.24
	Rex Dog Food Products Co., Glendale, L. I., N. Y.	Stamford:											
4697	Rex Dog Food	Grand Union Co.	75.45	0.79	5.13	7.00	1.20	0.63	1.08	2.10	16.35	0.40	0.11
4792	Rich Products Corp., Chicago, Ill.	Waterbury:											
	Evr Redy Dog Food (Beef Meat)	A. & P. Tea Co.	72.20	4.62	8.69	8.00	0.93	2.00	4.82	1.00	8.74	1.72	2.11
4720	Rich Products Corp., Chicago, Ill.	Hartford:											
	Evr Redy Dog Food (Horse Meat)	Hartford Market Co.	70.95	4.60	8.88	8.00	1.02	2.00	3.00	1.00	11.55	1.64	1.99
4703	Rival Packing Co., Chicago, Ill.	Norwalk:											
	Rival Dog Food	James Butler Grocery Co.	71.40	0.81	10.81	10.00	1.13	0.50	2.30	2.50	13.55	0.34	0.11
	Dr. W. J. Ross Co., Los Alamitos, Calif.	Danbury:											
4712	Dr. Ross Dog and Cat Food	Logan Bros.	69.10	3.40	14.81	13.25	1.02	0.65	3.68	2.00	7.99	1.19	1.29
	Sandy's Pet Food, Inc., Chicago, Ill.	New Haven:											
	Sandy's Dog Food	W. T. Grant Co.	69.28	0.68	11.19		0.82		4.00		14.03	0.29	0.06

4708	Schlusser Bros., Portland, Oregon Man-Kind Dog Food.....	New Haven: Cook, Newton & Smith....	69.78	1.81	3.88	9.00	2.13	0.75	7.75	3.00	9.65	0.27	0.06
4705	Seeman Bros., Inc., New York, N.Y. Major Dog Food.....	New Haven: Quality Grocery Co.....	70.70	1.33	7.44	8.00	1.32	0.76	0.50	3.00	18.71	0.56	0.33
4722	Silver King Canning Co., Kansas City, Mo. Silver King Dog and Cat Food....	Stamford: Grand Union Co.....	71.70	2.44	10.19	8.00	0.90	0.50	2.35	2.00	12.42	0.82	0.73
4590	Spratt's Patent, Ltd., Newark, N. J. Spratt's Fibo.....	New Haven: Frank S. Platt Co.....	5.45	2.60	23.25	20.00	1.28	1.50	3.23	2.00	64.19	1.20	0.49
4587	Sturdy Dog Food Co., Inc., Syracuse, N. Y. Sturdy Ribbled Ration.....	Montwese: Economy Feed Service....	7.10	3.54	19.63	18.80	1.65	1.50	1.05	1.05	67.03	1.46	0.92
4713	Swift & Co., Chicago, Ill. Pard Dog Food.....	Meriden: Fred D. Yale.....	73.38	2.17	10.31	10.50	0.76	0.50	2.85	2.50	10.53	0.53	0.32
4588	Tioga Mills, Inc., Waverly, N. Y. Ti-O-Ga Dog Food Meal.....	Southington: Louis Perillo Coal Co.....	6.25	13.06	26.75	20.00	2.33	3.00	3.60	2.50	48.01	4.57	5.36
4702	Victor Packing Co., Oakland, Calif. Victory Dog and Cat Food.....	Danbury: Kerr Chickenis.....	76.98	1.55	5.31	6.00	1.02	0.70	1.78	1.00	13.36	0.58	0.48
4711	Wilson & Co., Chicago, Ill. Ideal Dog Food.....	New Haven: W. T. Grant Co.....	70.98	2.19	9.75	10.00	0.97	1.00	5.50	2.00	10.61	0.85	0.66

ENLARGEMENT OF SCOPE OF FEED CONTROL

During the latter part of the year arrangements were made to conduct biological tests of vitamin D carriers used for feeding live stock and poultry. Preliminary trials begun in February, 1937, will be followed by examination of market samples as soon as practicable.

Dog feeds have not heretofore been included in our annual inspection of feeding stuffs. The growth of this industry and the number of brands available make it desirable to include such feeding stuffs in regular inspections.

Regulations concerning both vitamin D carriers and dog feeds are contemplated. For the current year, at least, no registrations of these products are required.

A preliminary survey of dog feeds on the market has been made and as many samples collected as time available enabled us to examine. The results are given in Table 2, (p. 503).

A summary of the inspection is as follows:

Total number of samples.....	52
Samples bearing guaranties.....	40
Guaranties made.....	119
Guaranties substantially met.....	102
Percentage of guaranties substantially met.....	86
Deficiencies in:	
protein.....	4
fiber (excess).....	3
fat.....	10
Total deficiencies.....	17

Of the products examined, 28 were moist preparations in cans. Nutrient solids were generally between 25 and 30 percent. Only one sample showed substantially less than 25 percent. The highest amount of solids found was 36.17 percent. Judging by the water content of fresh meats and of edible animal organs the amounts of water indicated in these moist products generally does not appear to be excessive.

For the preparation of a sample of canned products for analysis, the official procedure prescribed for canned meats, Methods of Analysis A.O.A.C., 4th edition, p. 353, was employed.

Moisture was determined by drying in an atmosphere of hydrogen at the temperature of boiling water. Crude fiber was determined on a separate, weighed portion approximating two grams of dry material. The charge was dehydrated with alcohol and defatted with ether, from which point the usual crude fiber procedure was followed. After the alkali digestion the residue was washed with hot water only, as treatment with alcohol at this point generally formed a jelly that was difficult to dry.

FEED EXAMINED FOR INJURIOUS INGREDIENTS

Samples of feed suspected of containing inferior or injurious materials are frequently referred to the Station for investigation. Unless some distinctly poisonous or injurious substance, or unwholesome quality, can be detected in such feeds we are not warranted in holding them to be the probable cause of the conditions complained of. In some instances we have fed suspected feeds to white rats or to chicks in order to observe deleterious effects, if any. Such tests, if positive, would not identify the factor responsible for the effect but would substantiate the suspicion attaching to the feed.

The most frequent complaints result from mortality in flocks of chicks. In such cases the cause is quite likely to be due to conditions of disease, and we advise that the animal pathologist at the Storrs Station be consulted or specimens sent to him. If his diagnosis suggests that chemical examination will be helpful, we make the usual systematic search for poisonous ingredients. In the case of feeds a microscopic examination is made for evidence of mold and poisonous weed seeds in addition to chemical tests.

Twenty-two samples have been examined in response to complaints of feeders. While in no case were distinctly poisonous ingredients found that warranted holding the feed responsible for the complaints cited, a few samples were decidedly moldy and therefore not advisable for feeding.

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